

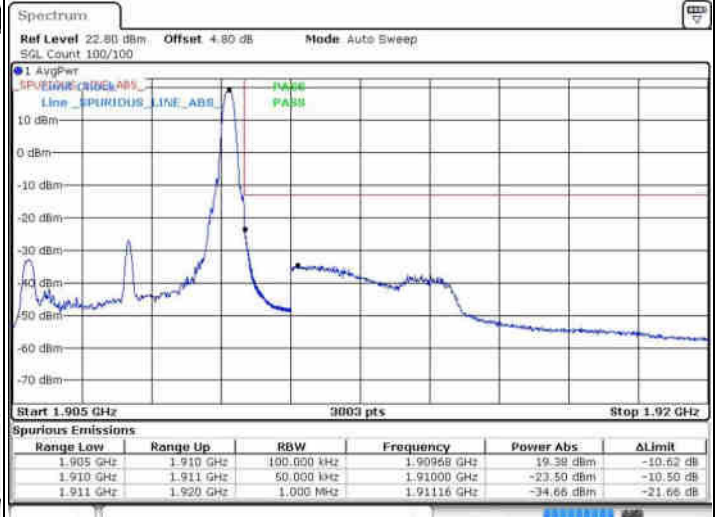


LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / 1RB



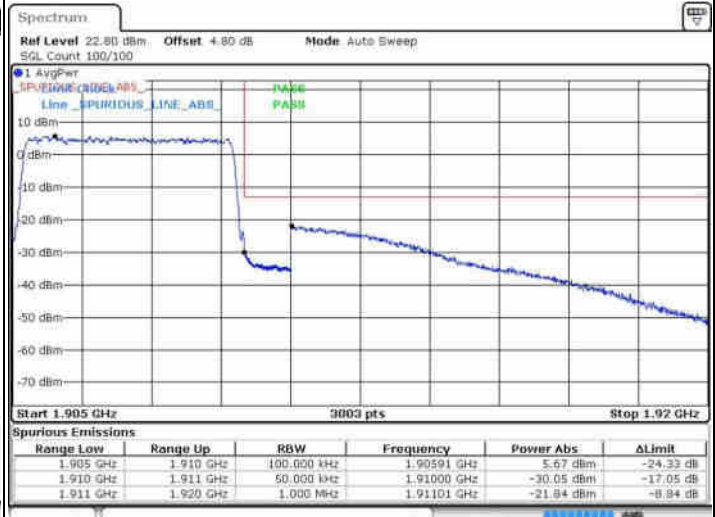
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



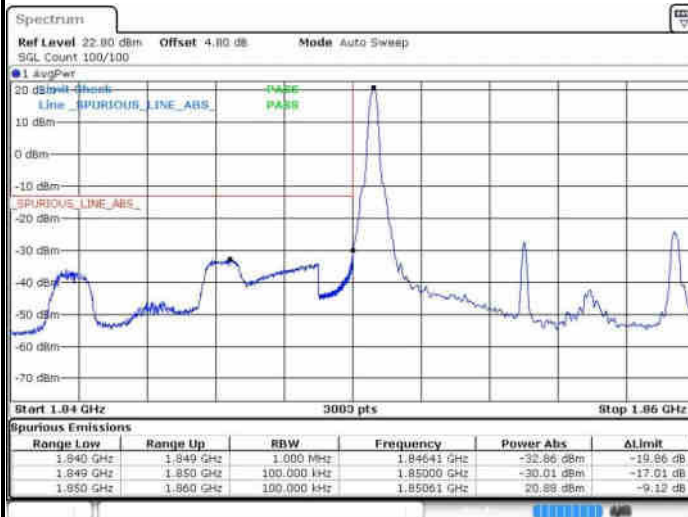
Highest Band Edge / Full RB



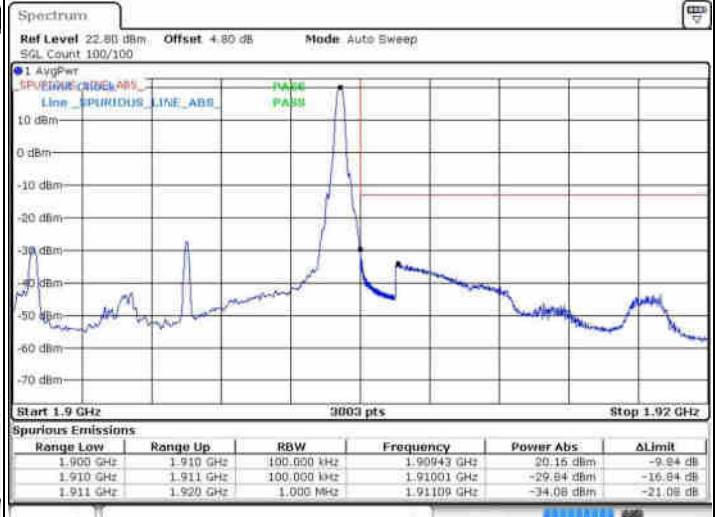


LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1 RB



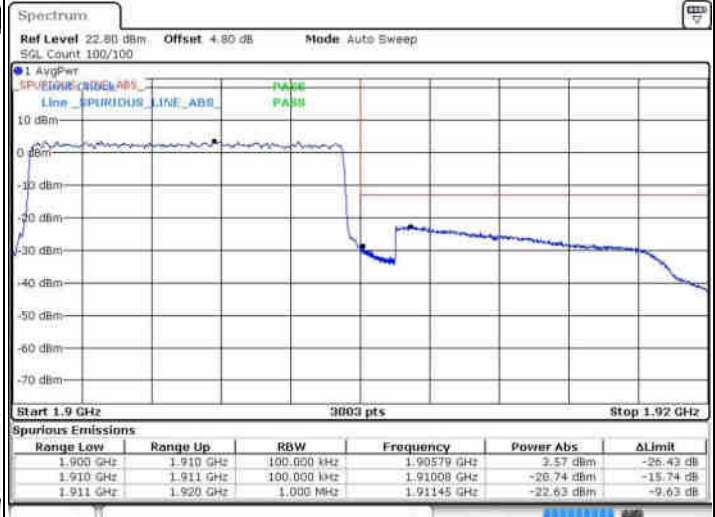
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



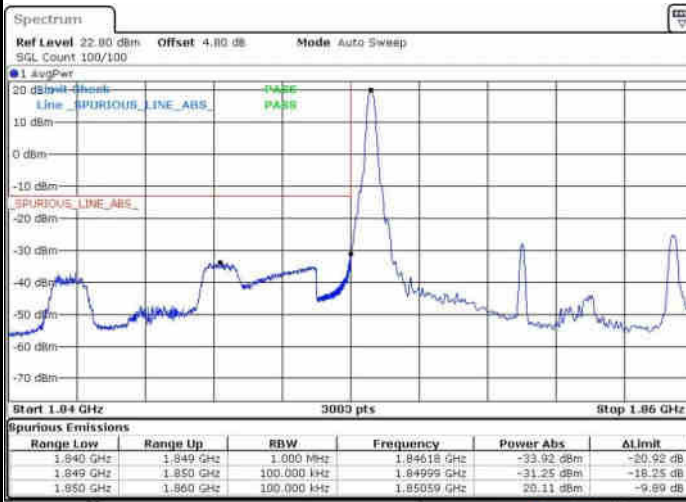
Highest Band Edge / Full RB



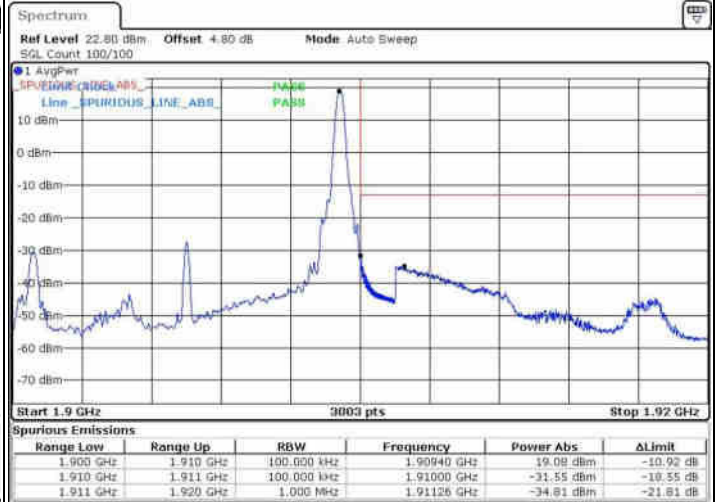


LTE Band 2 / 10MHz / 16QAM

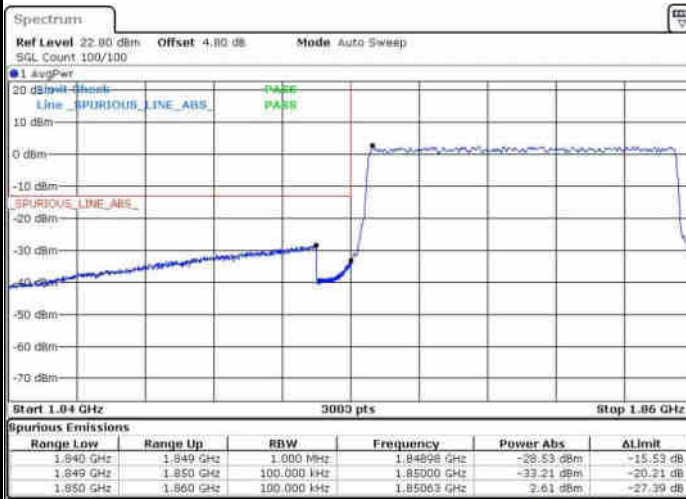
Lowest Band Edge / 1 RB



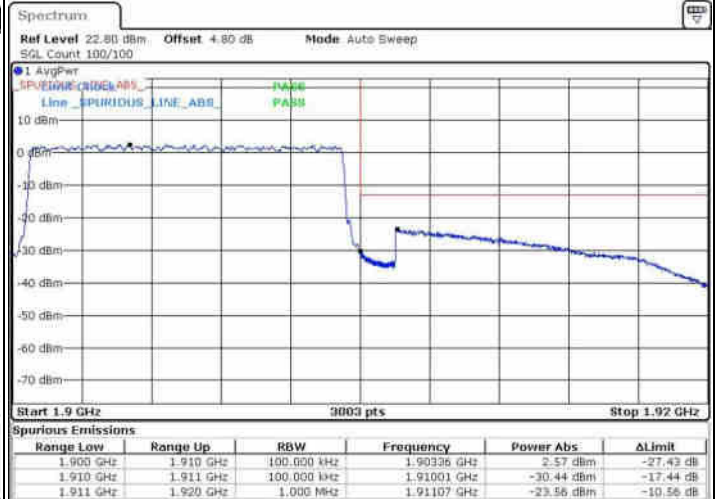
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



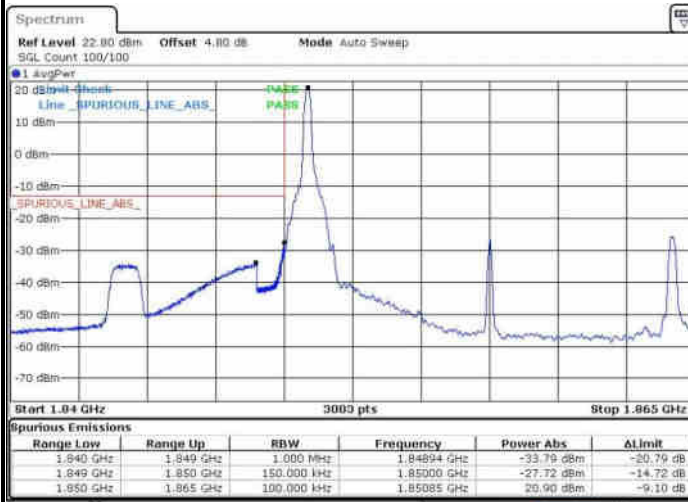
Highest Band Edge / Full RB



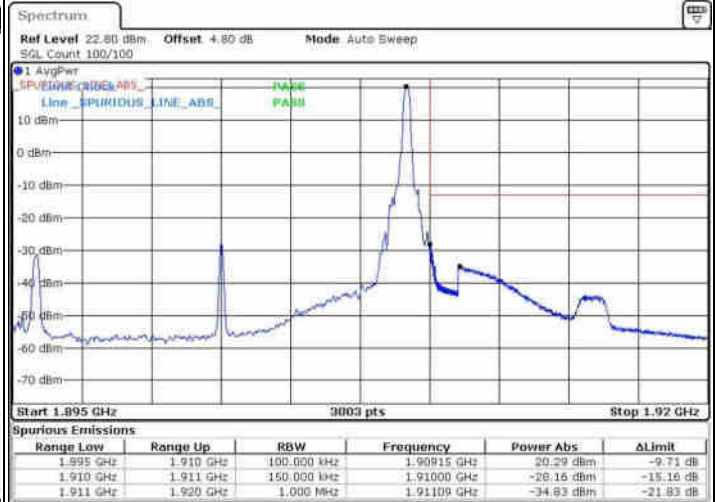


LTE Band 2 / 15MHz / QPSK

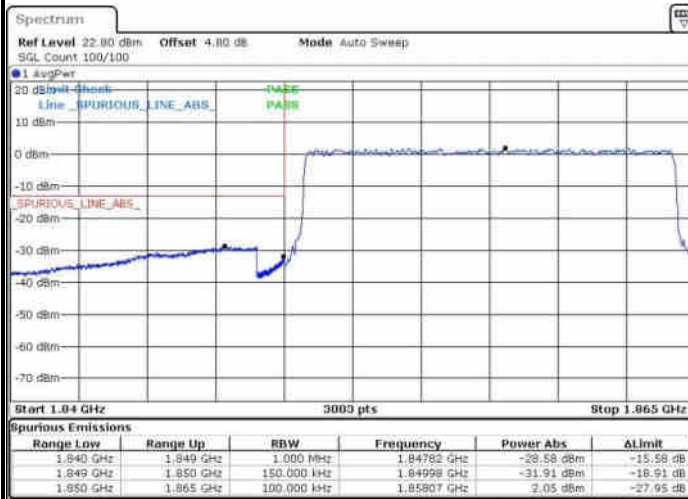
Lowest Band Edge / 1 RB



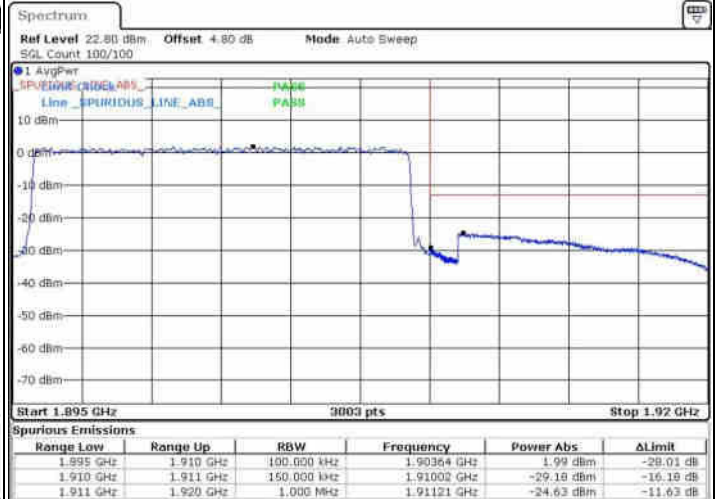
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



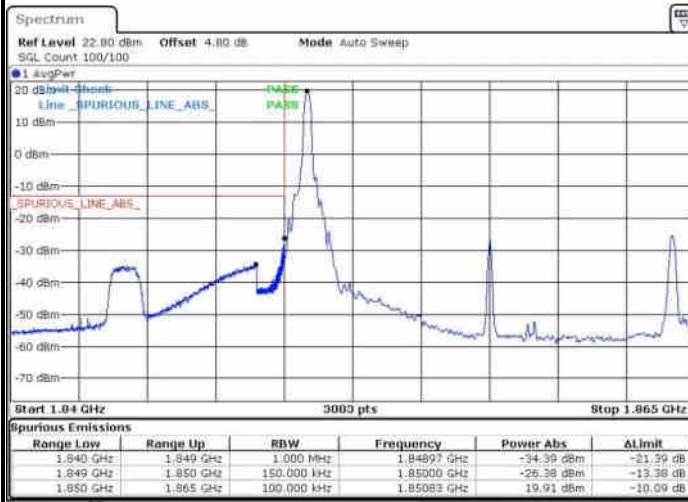
Highest Band Edge / Full RB



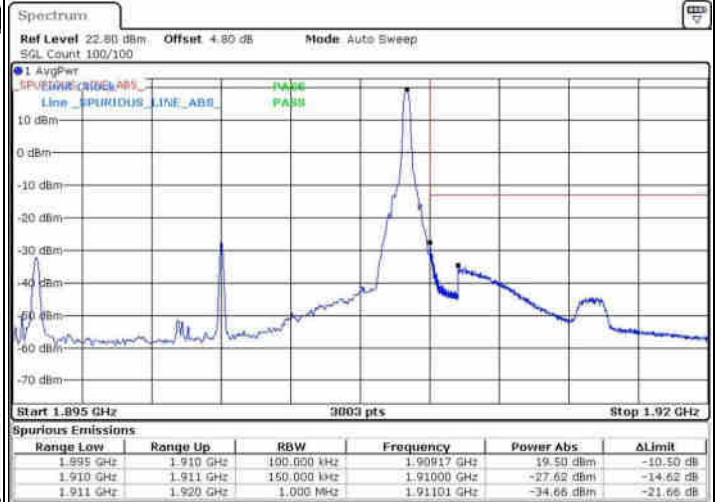


LTE Band 2 / 15MHz / 16QAM

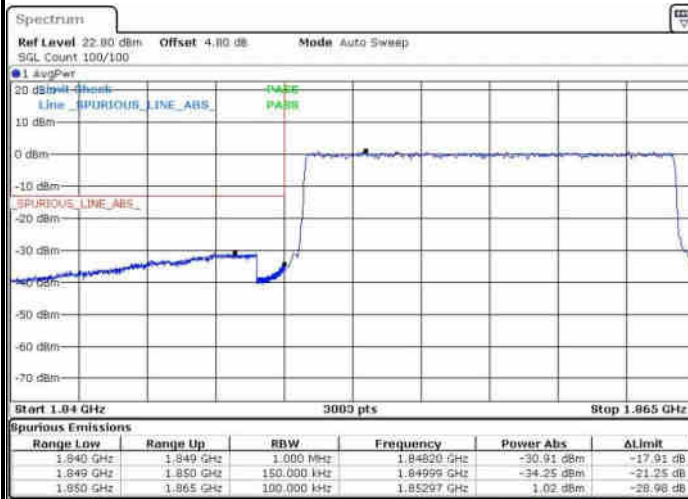
Lowest Band Edge / 1 RB



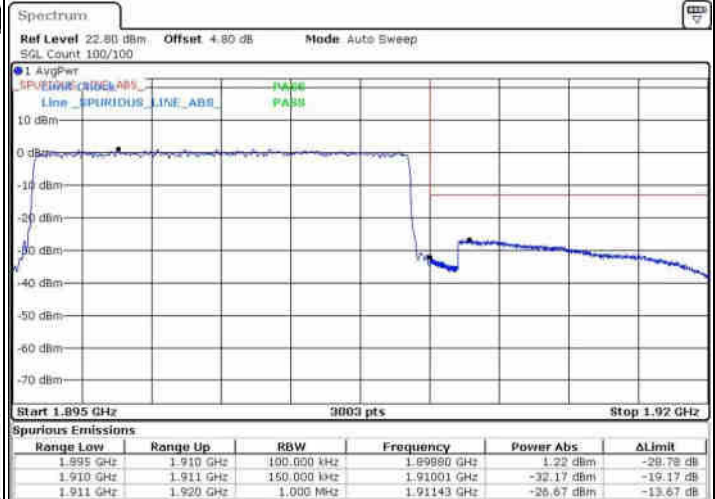
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



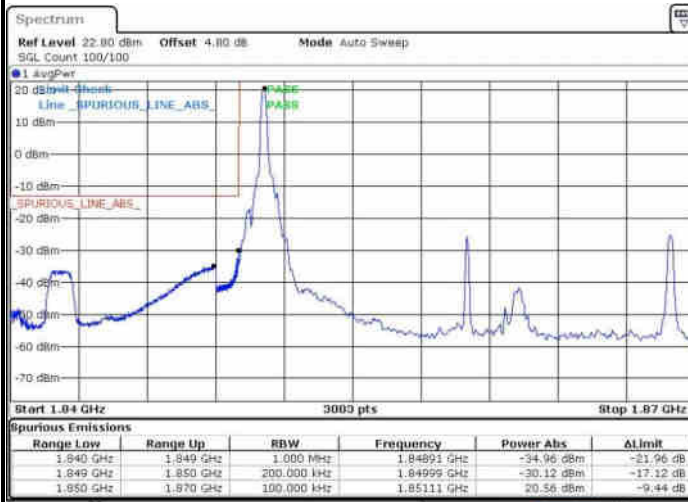
Highest Band Edge / Full RB



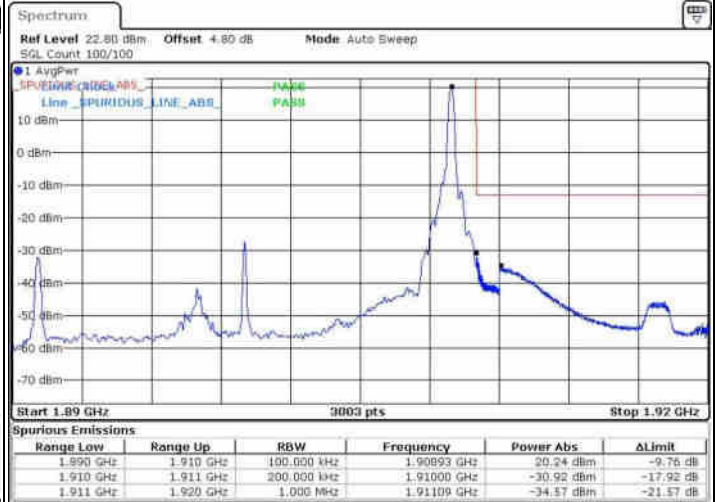


LTE Band 2 / 20MHz / QPSK

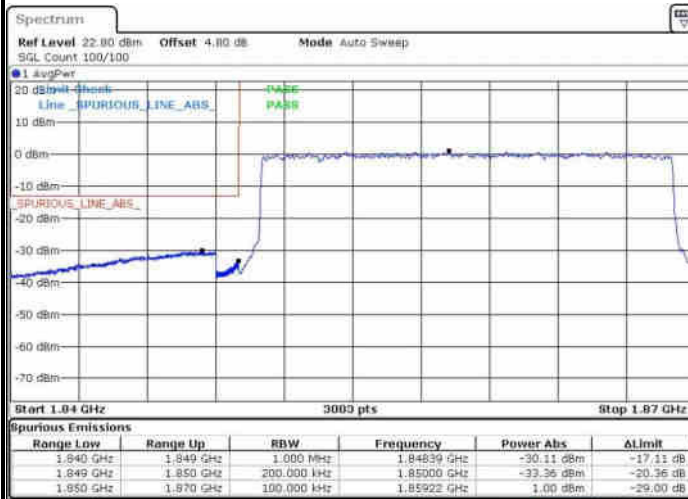
Lowest Band Edge / 1 RB



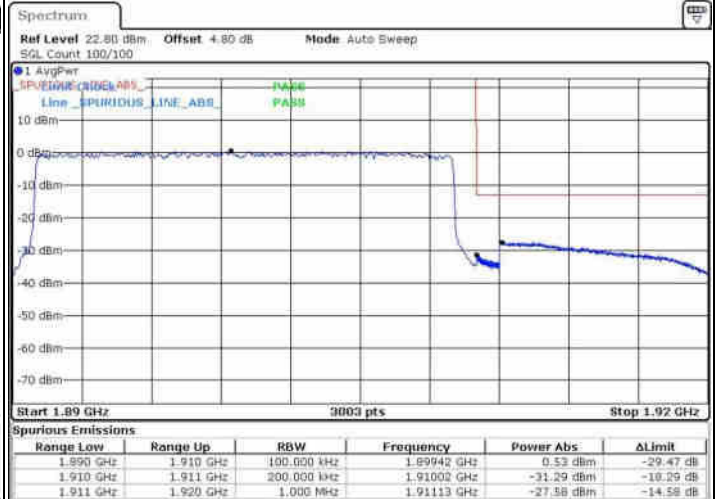
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



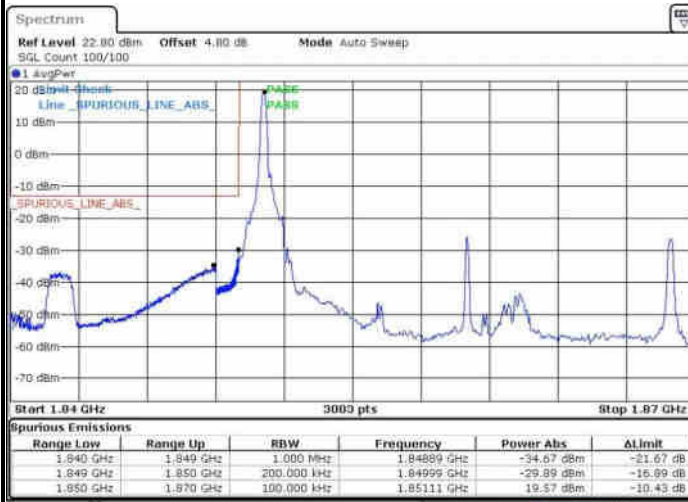
Highest Band Edge / Full RB



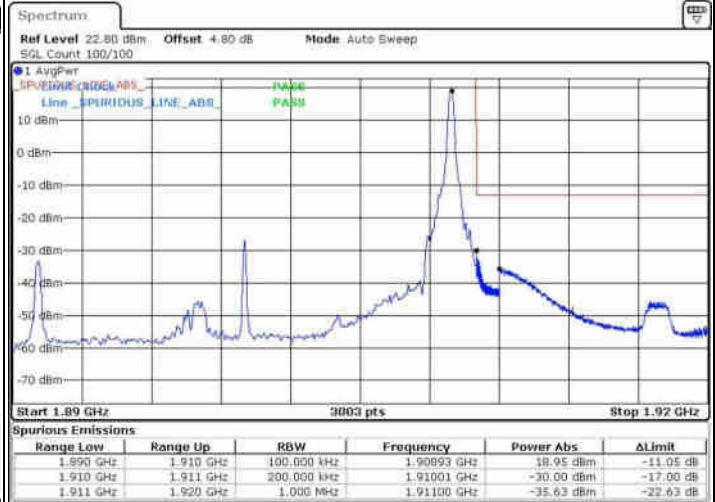


LTE Band 2 / 20MHz / 16QAM

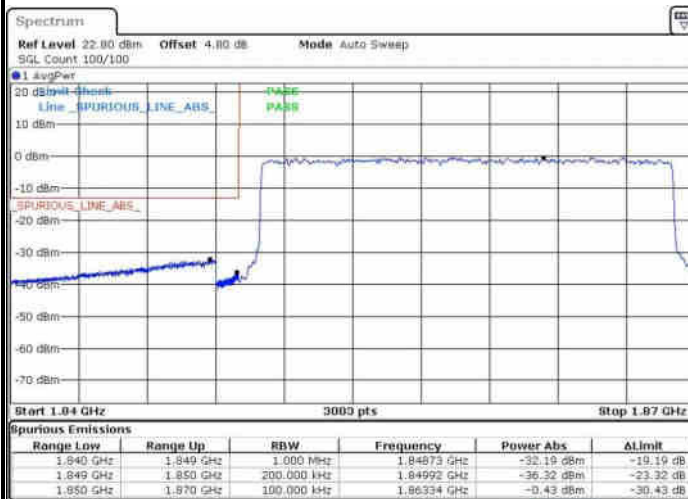
Lowest Band Edge / 1 RB



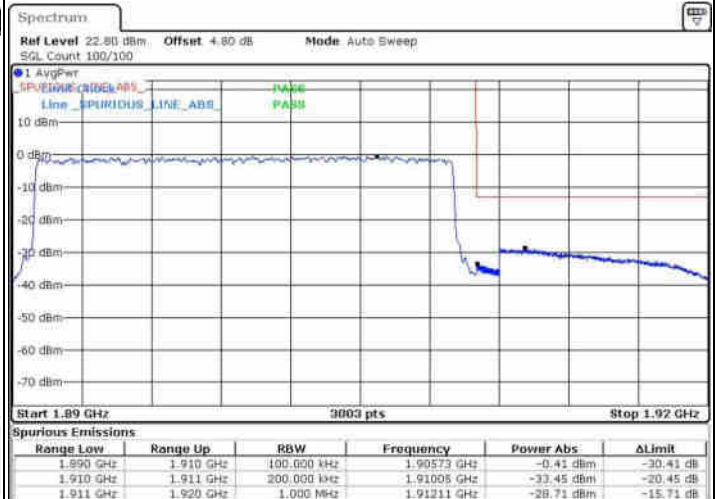
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



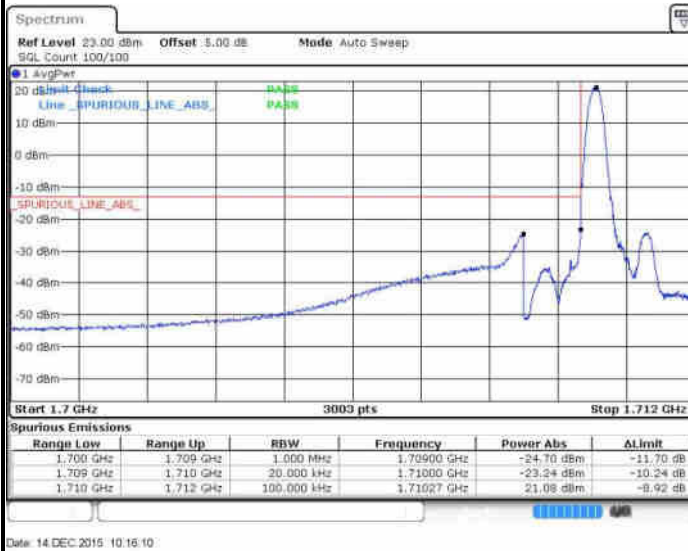
Highest Band Edge / Full RB



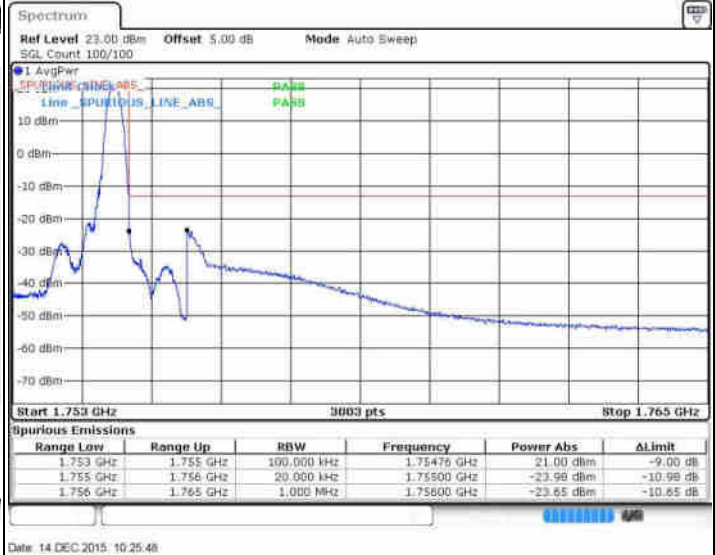


LTE Band 4 / 1.4MHz / QPSK

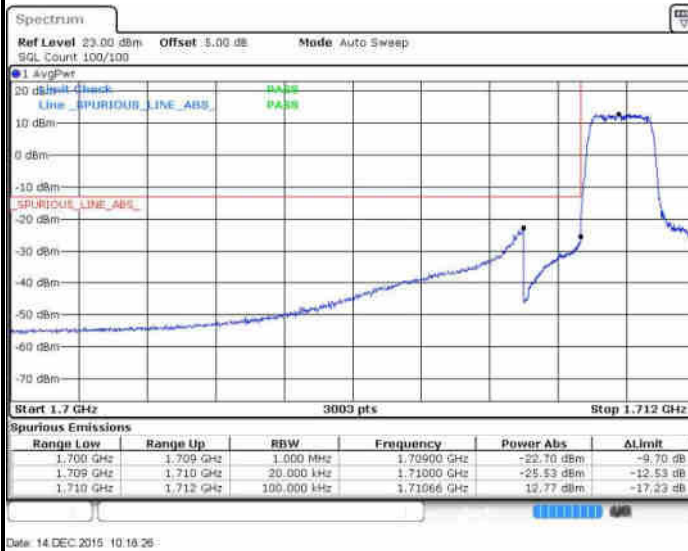
Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



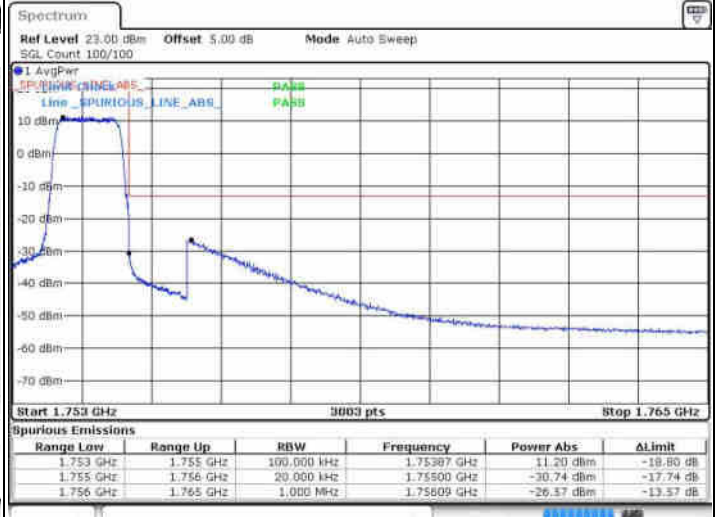
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



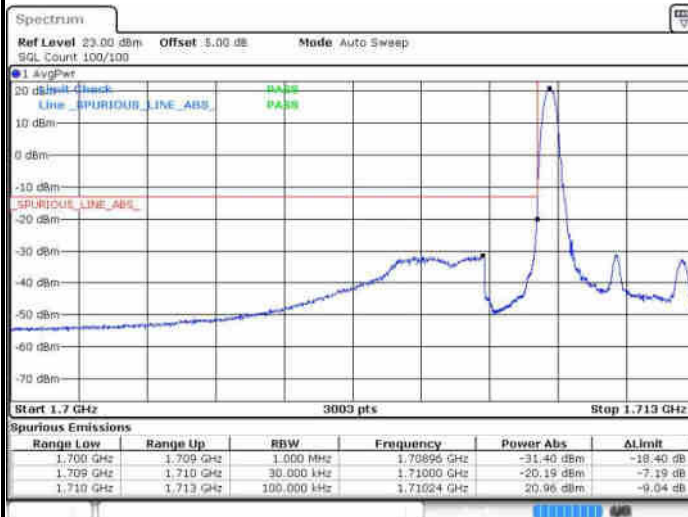
Highest Band Edge / Full RB



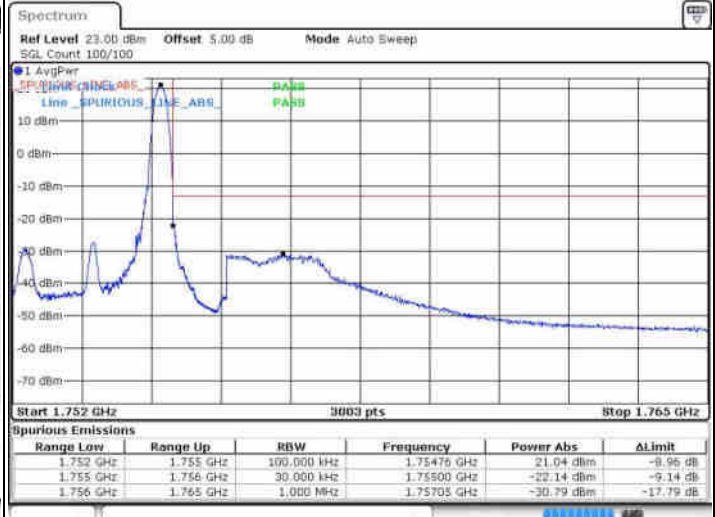


LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



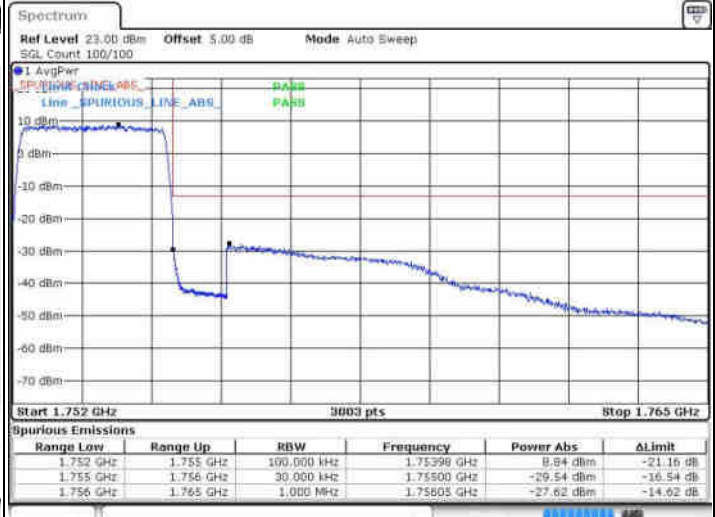
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



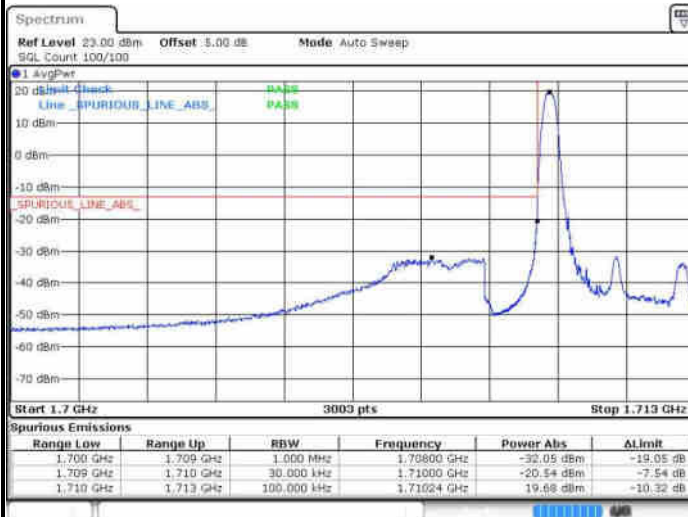
Highest Band Edge / Full RB



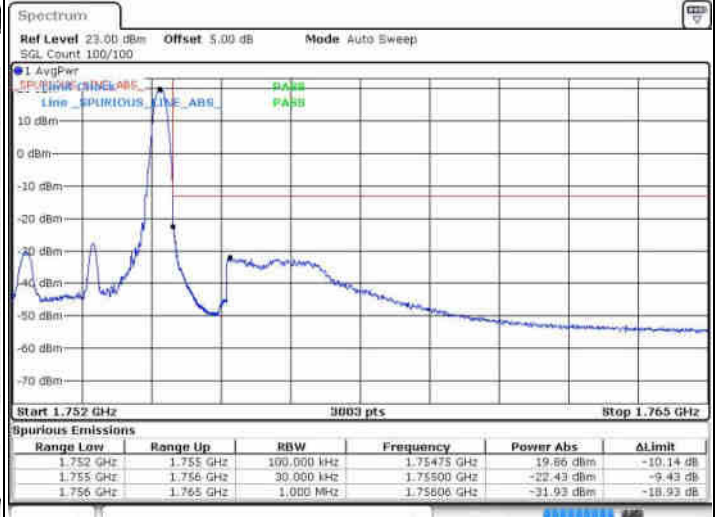


LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



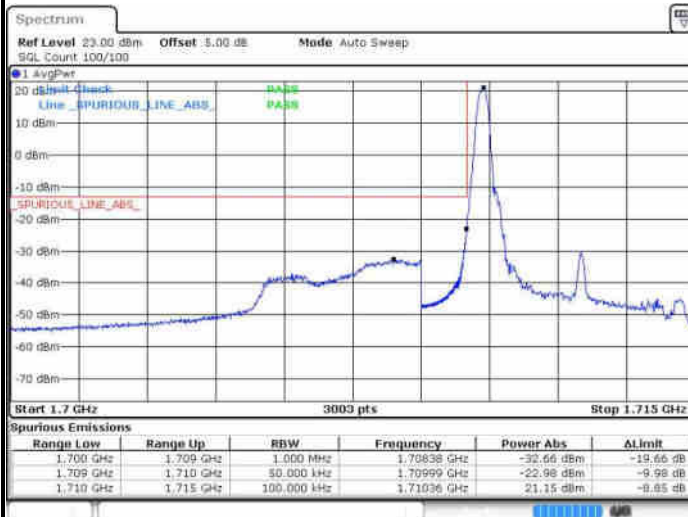
Highest Band Edge / Full RB



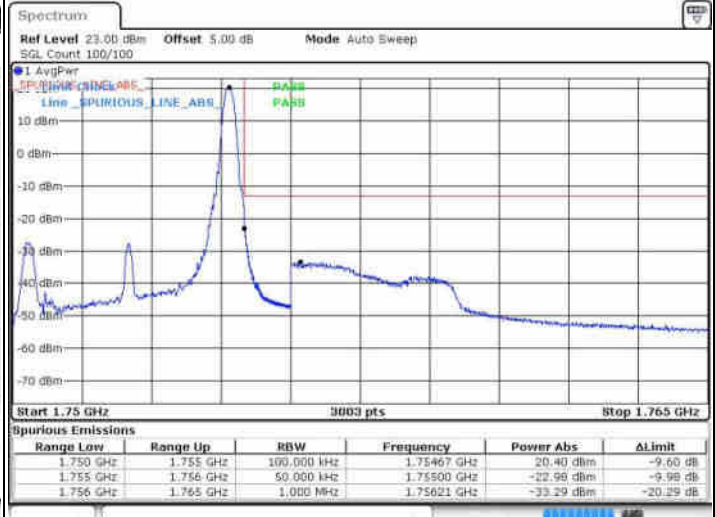


LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB



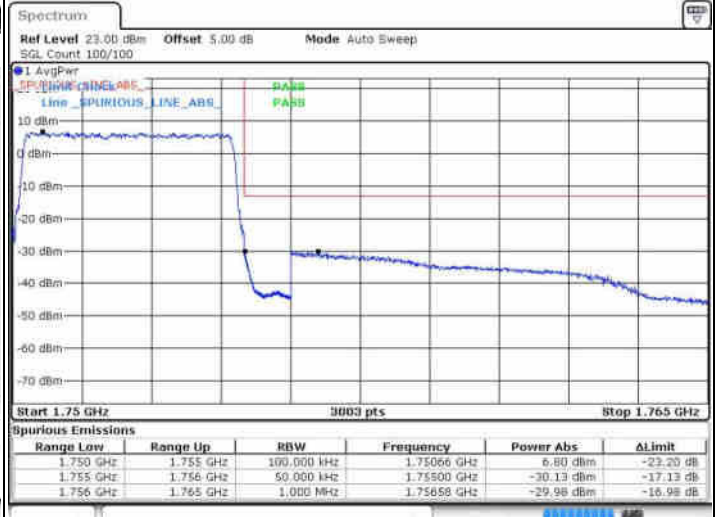
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



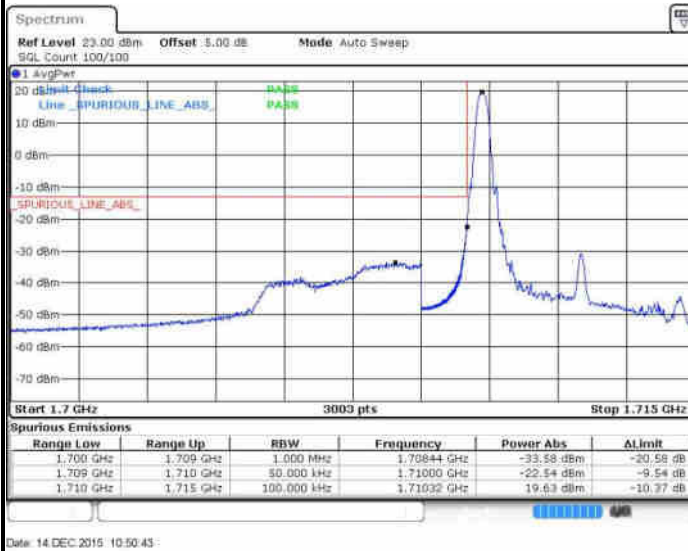
Highest Band Edge / Full RB



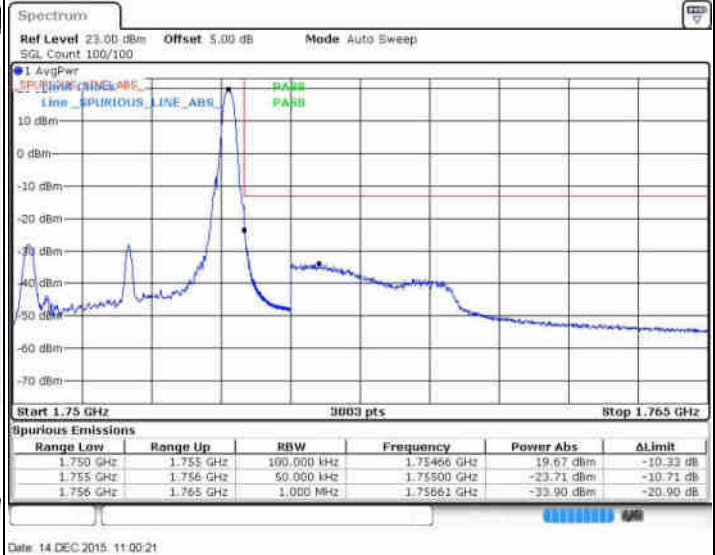


LTE Band 4 / 5MHz / 16QAM

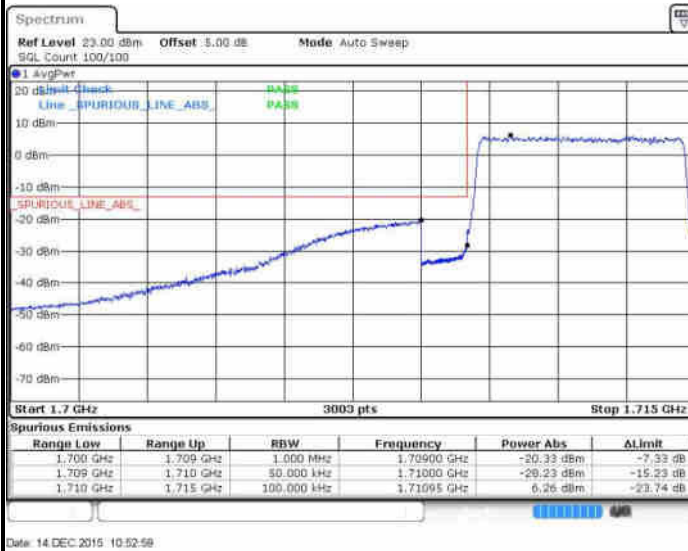
Lowest Band Edge / 1RB



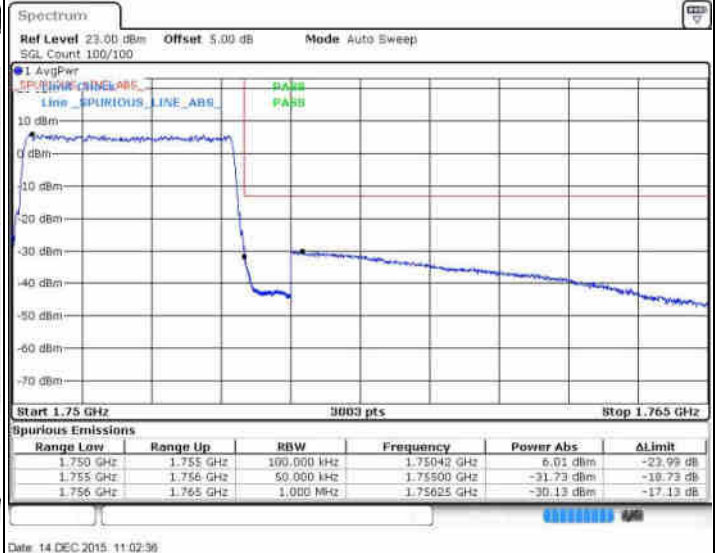
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



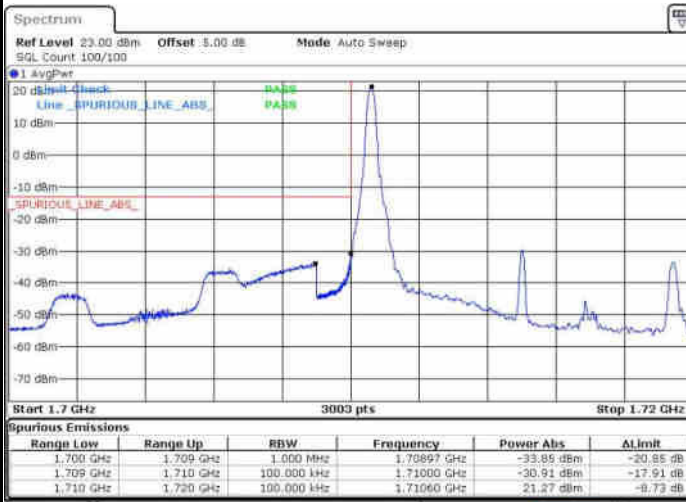
Highest Band Edge / Full RB



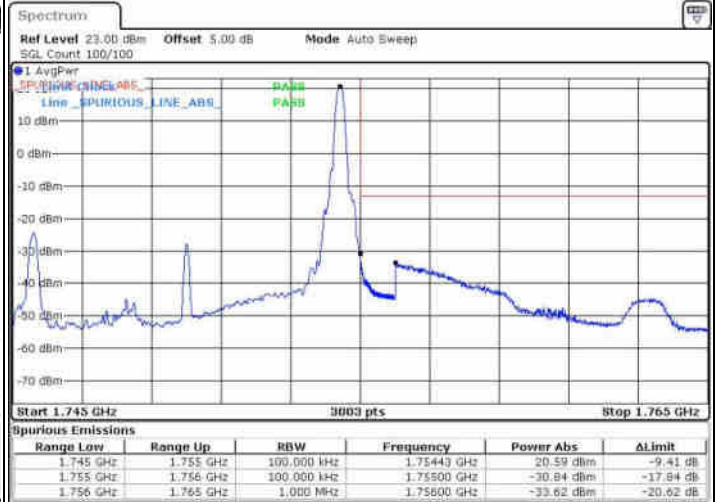


LTE Band 4 / 10MHz / QPSK

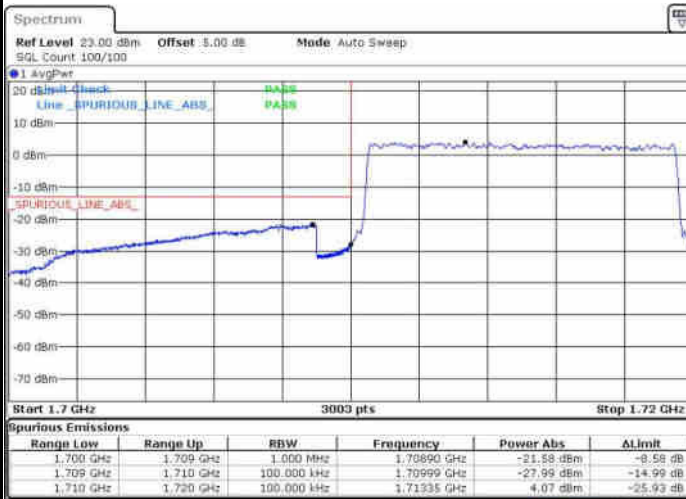
Lowest Band Edge / 1 RB



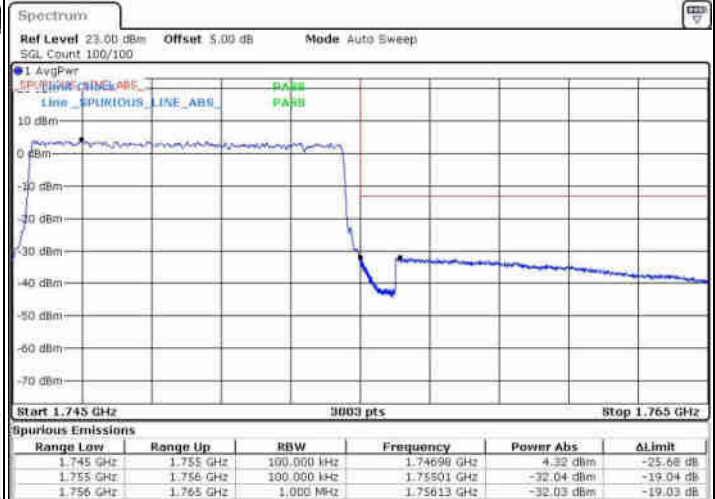
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



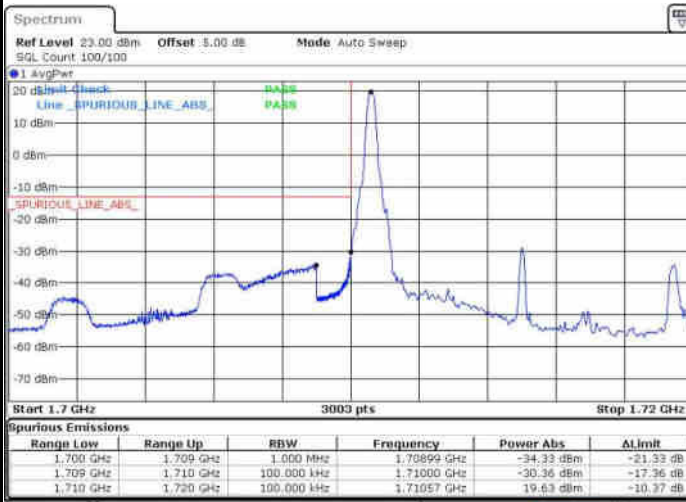
Highest Band Edge / Full RB



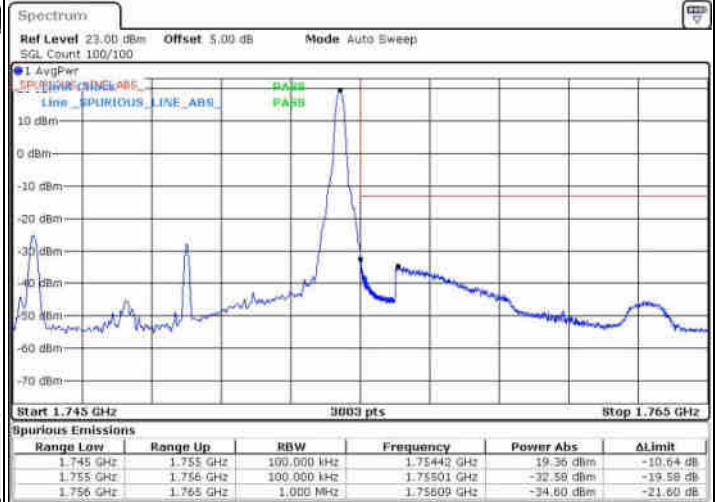


LTE Band 4 / 10MHz / 16QAM

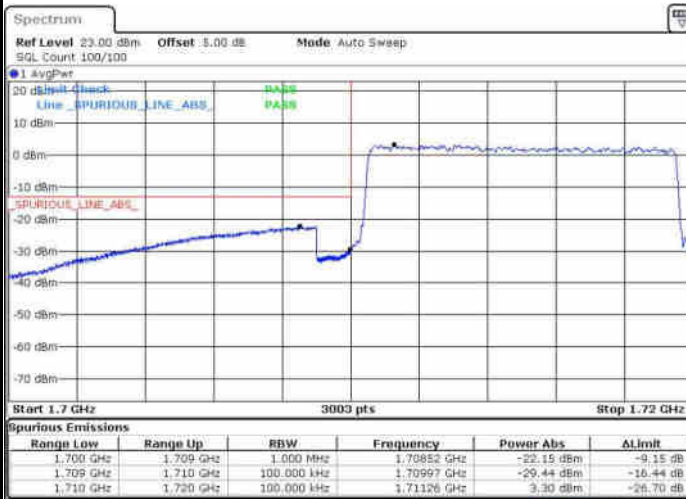
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



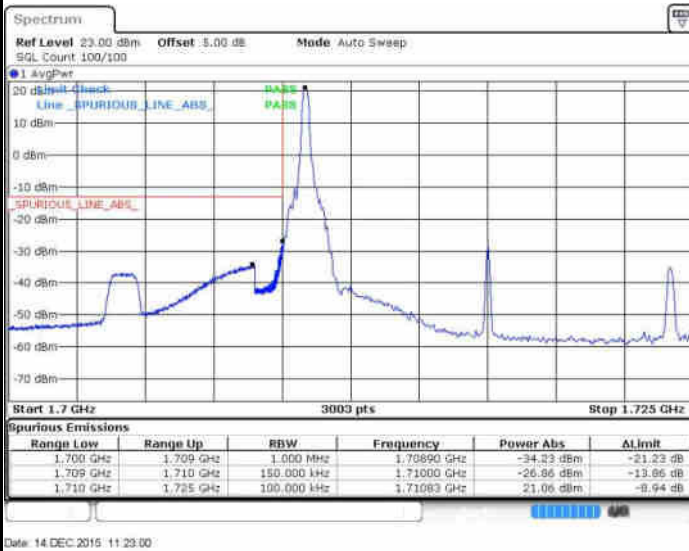
Highest Band Edge / Full RB



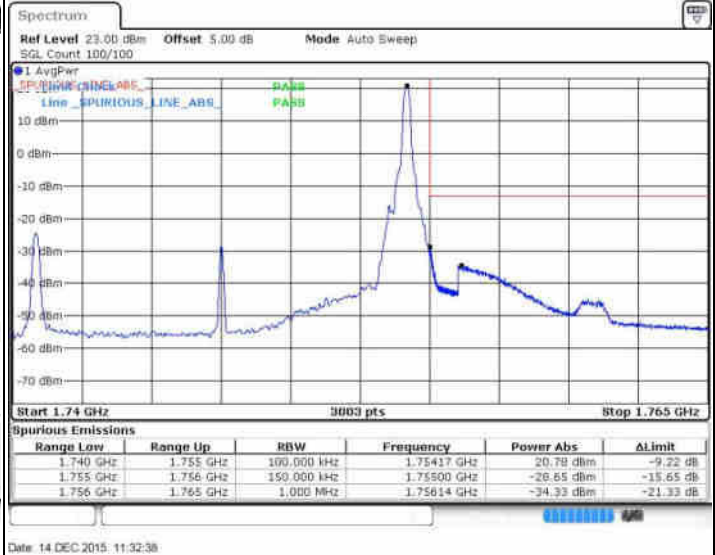


LTE Band 4 / 15MHz / QPSK

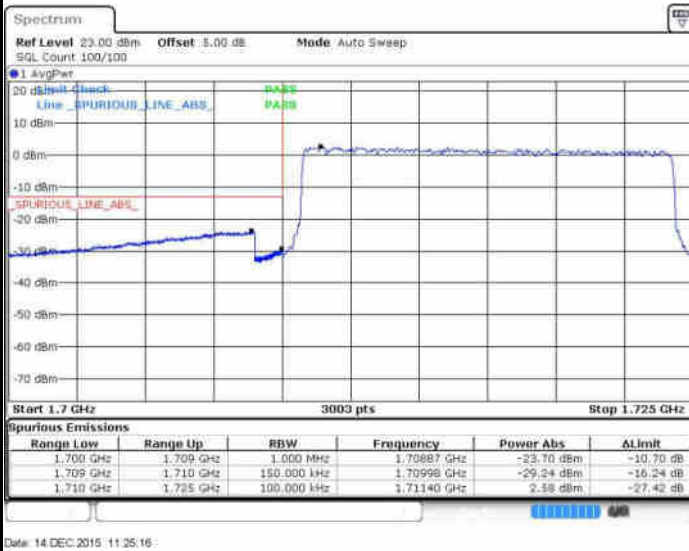
Lowest Band Edge / 1 RB



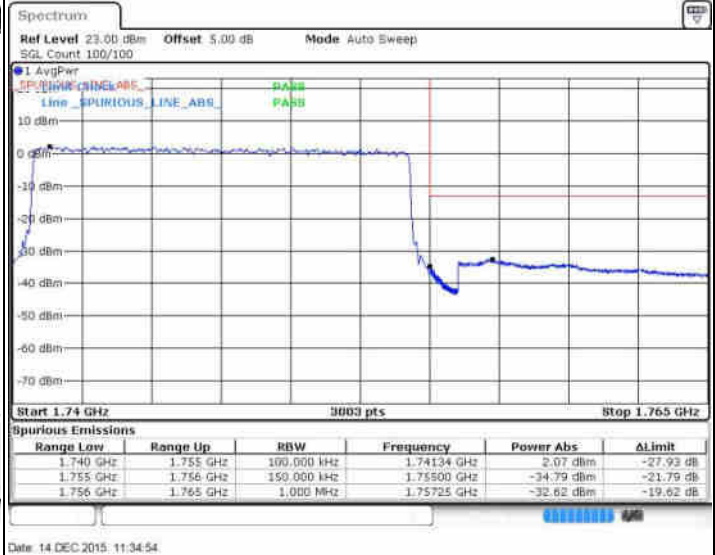
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



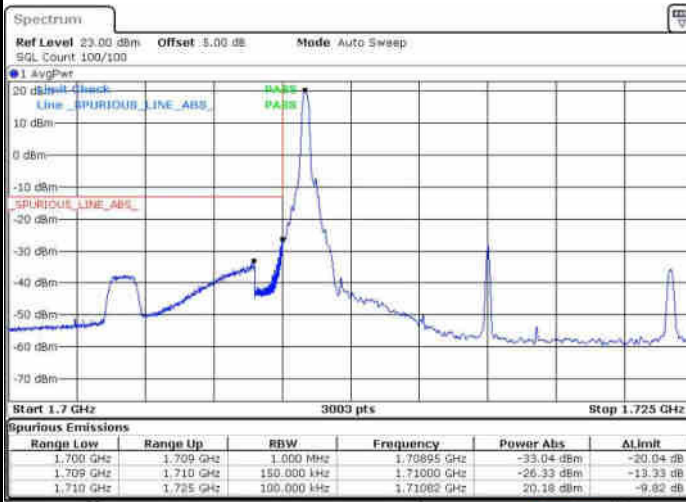
Highest Band Edge / Full RB



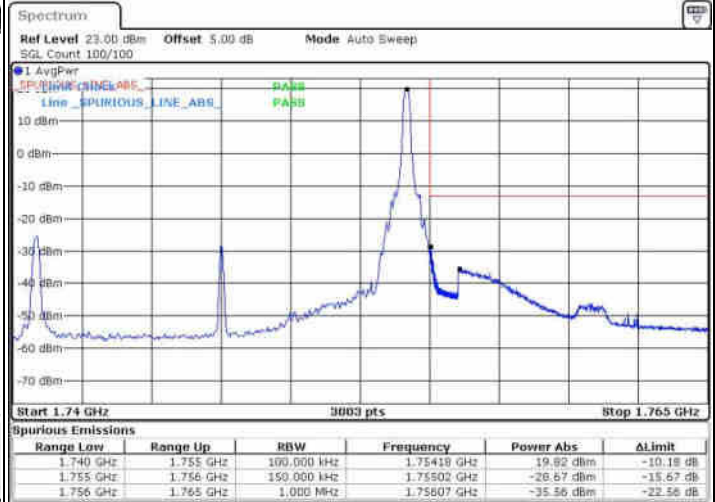


LTE Band 4 / 15MHz / 16QAM

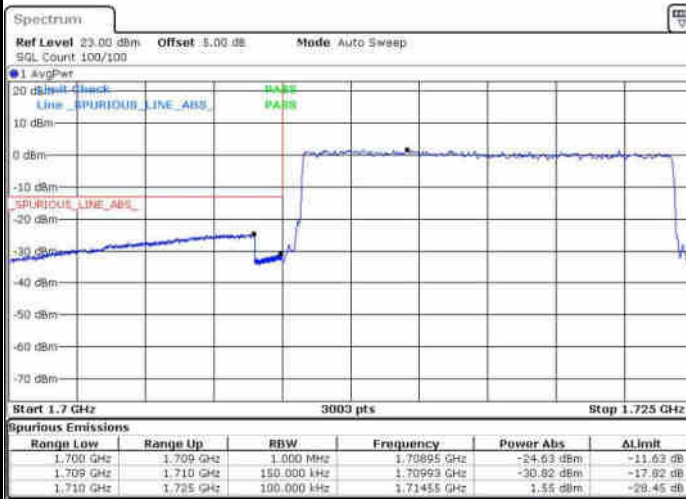
Lowest Band Edge / 1 RB



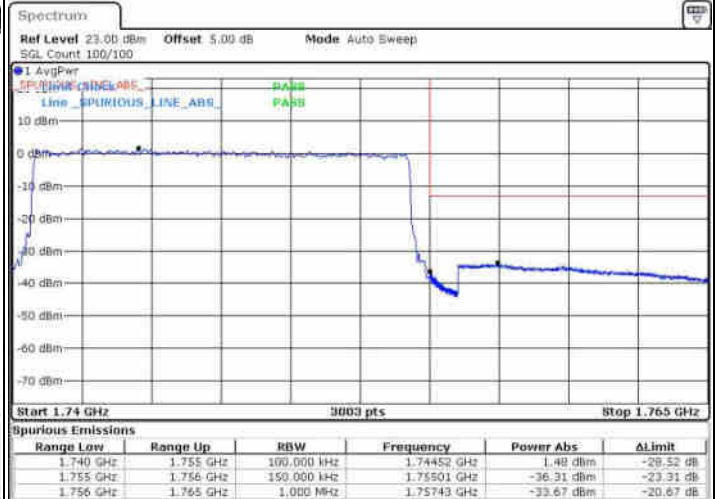
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



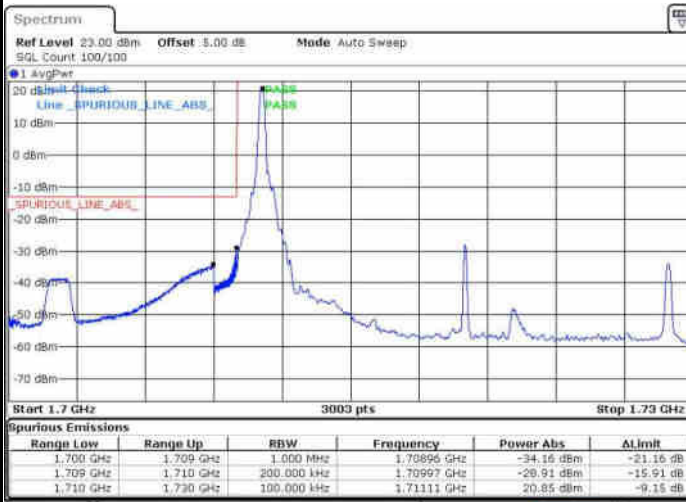
Highest Band Edge / Full RB



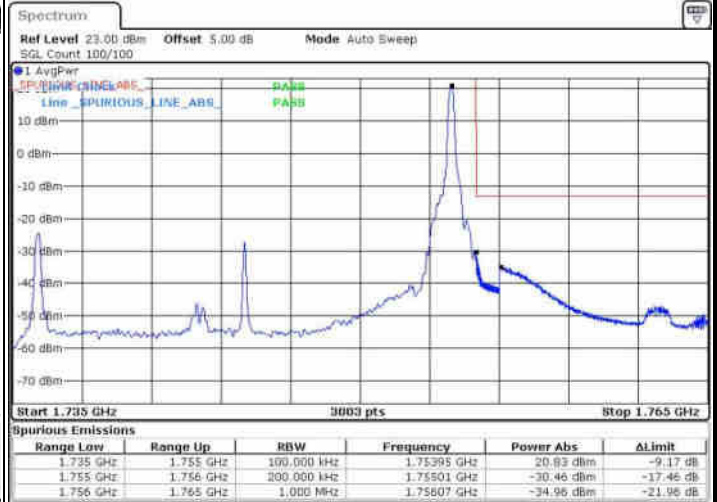


LTE Band 4 / 20MHz / QPSK

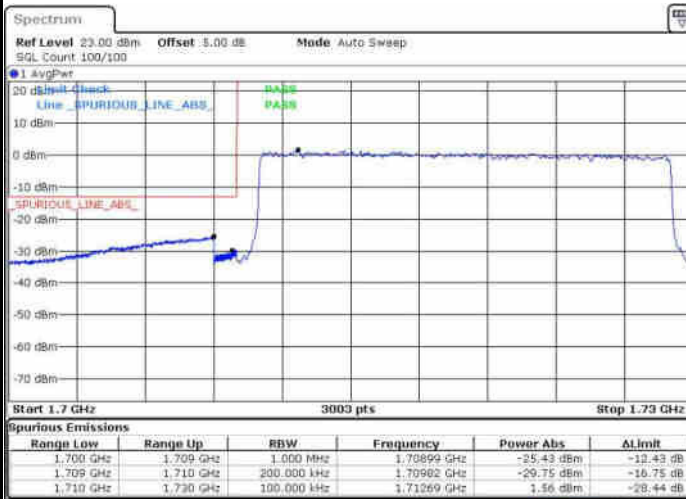
Lowest Band Edge / 1 RB



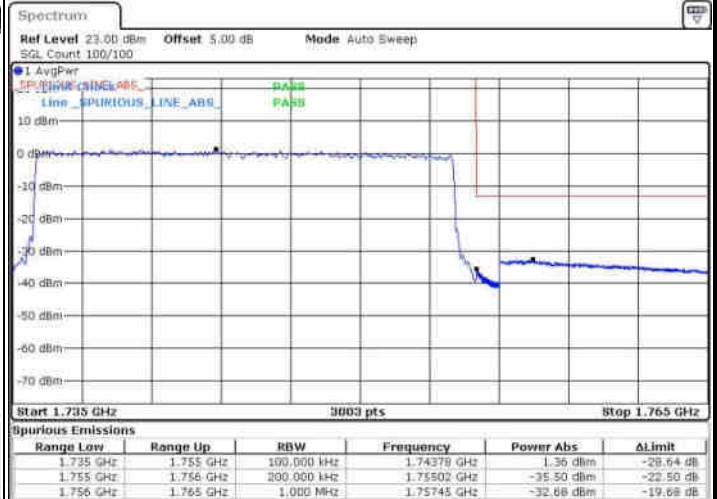
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



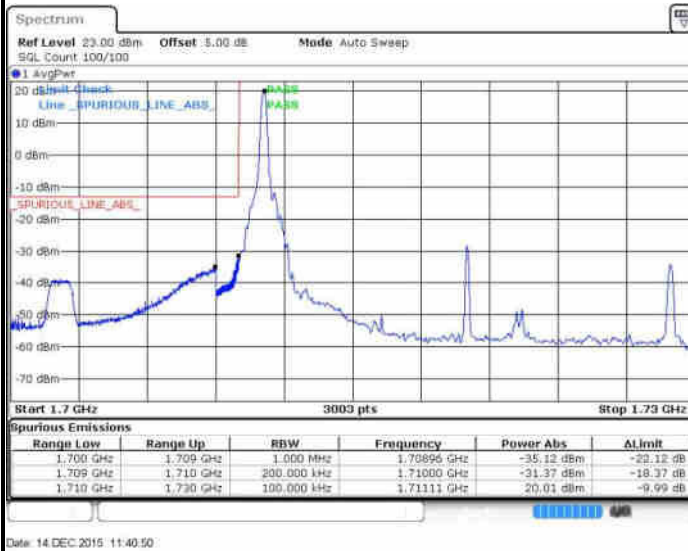
Highest Band Edge / Full RB



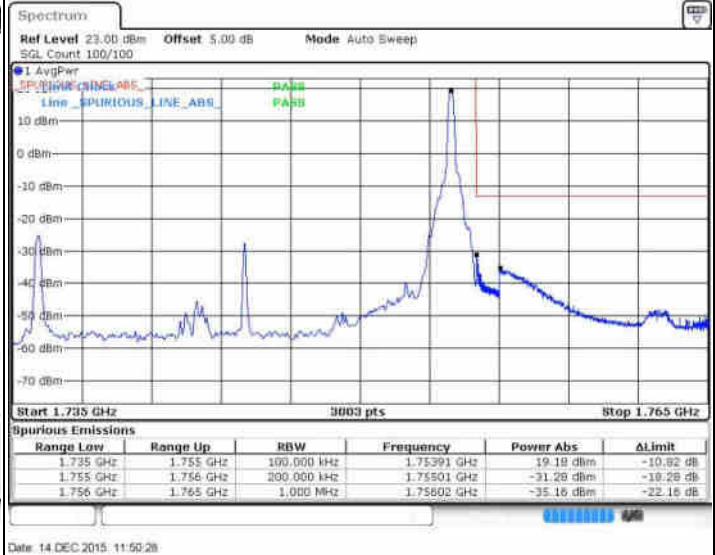


LTE Band 4 / 20MHz / 16QAM

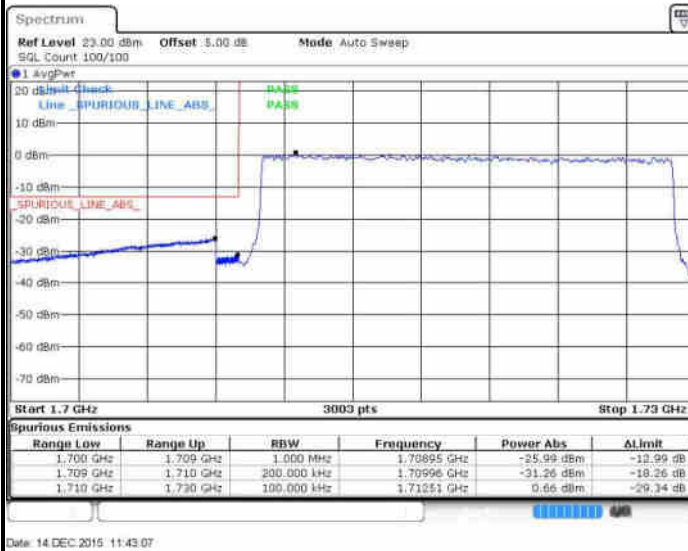
Lowest Band Edge / 1 RB



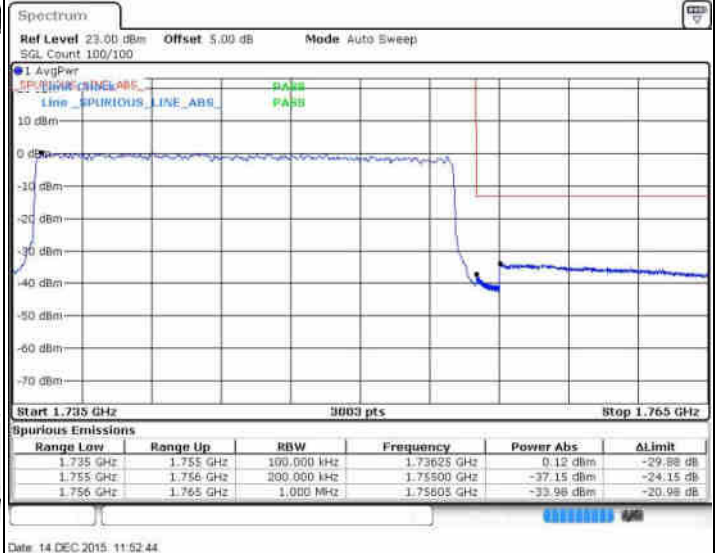
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



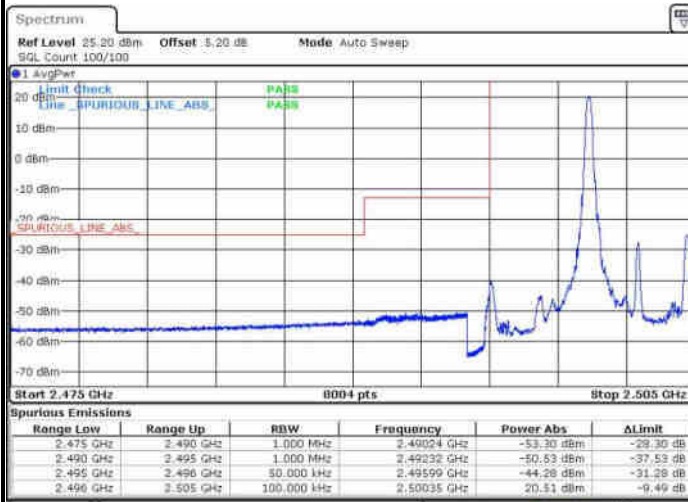
Highest Band Edge / Full RB





LTE Band 7 / 5MHz / QPSK

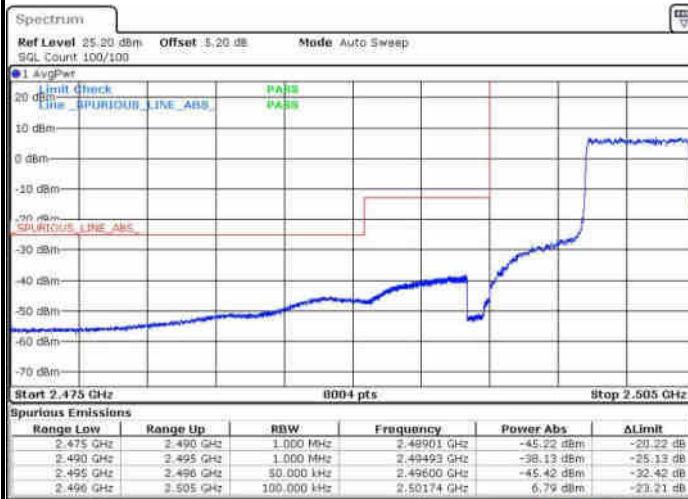
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



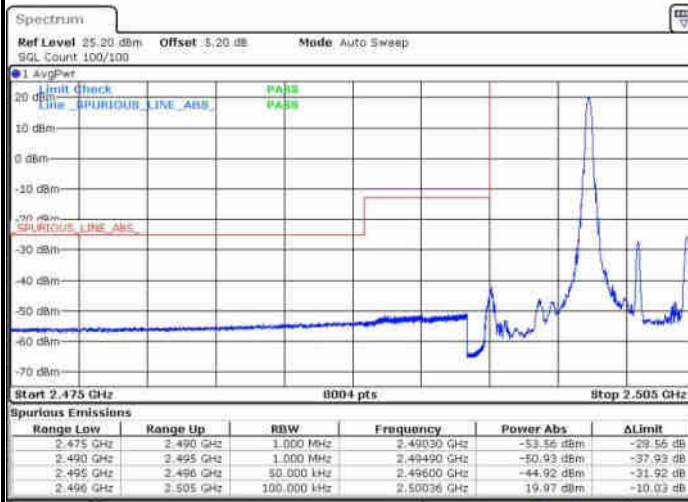
Highest Band Edge / Full RB



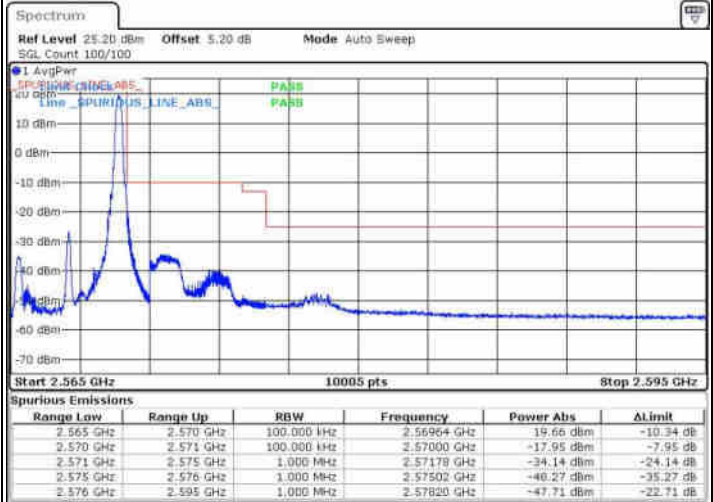


LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



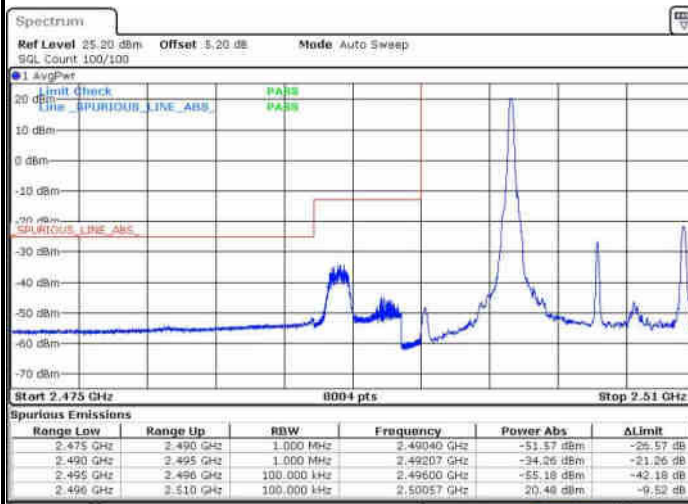
Highest Band Edge / Full RB



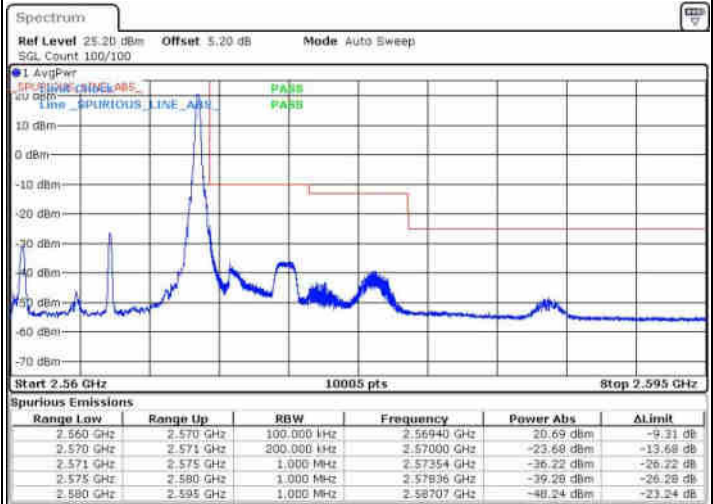


LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



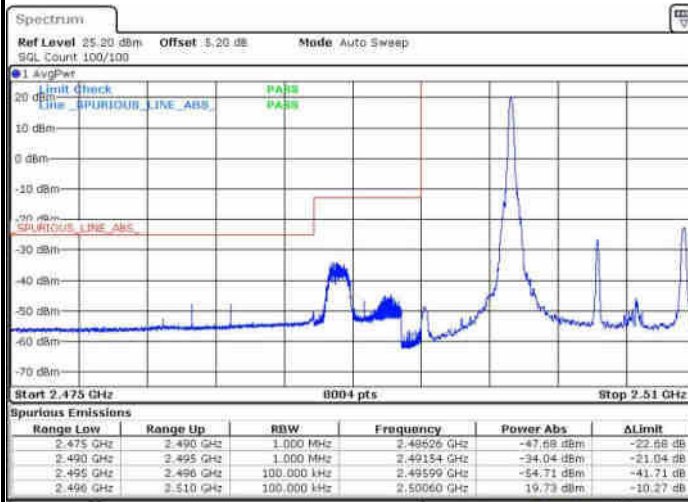
Highest Band Edge / Full RB



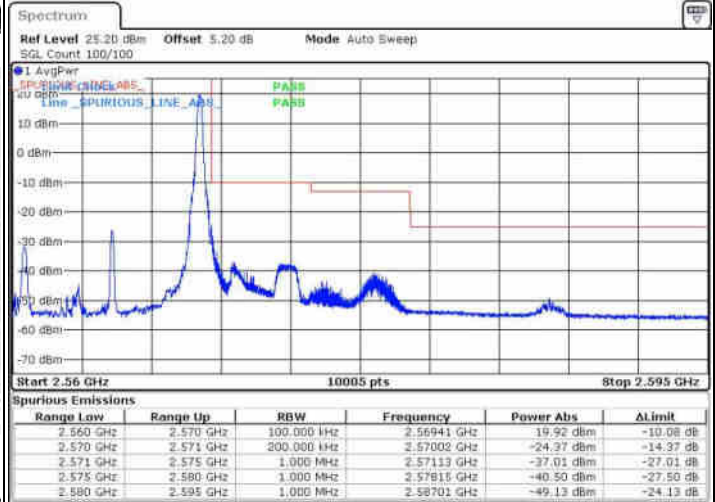


LTE Band 7 / 10MHz / 16QAM

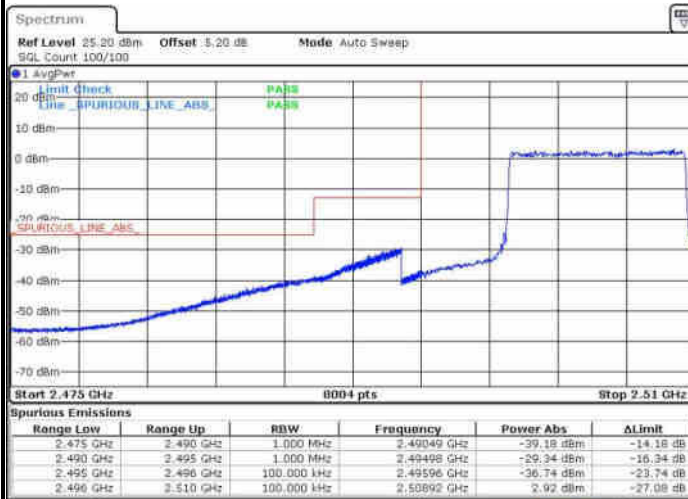
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



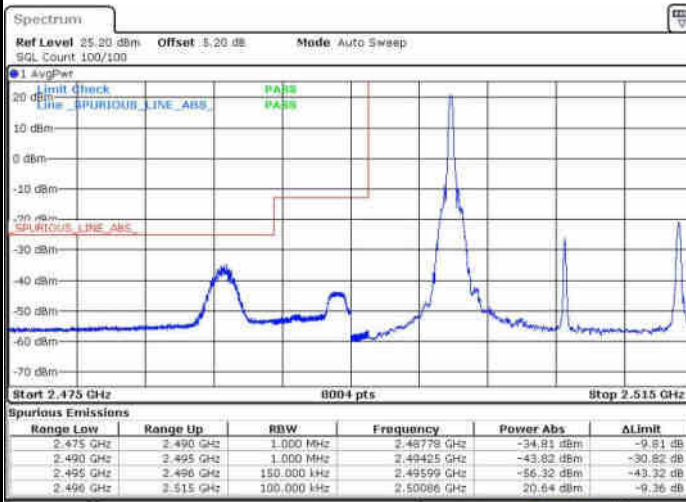
Highest Band Edge / Full RB



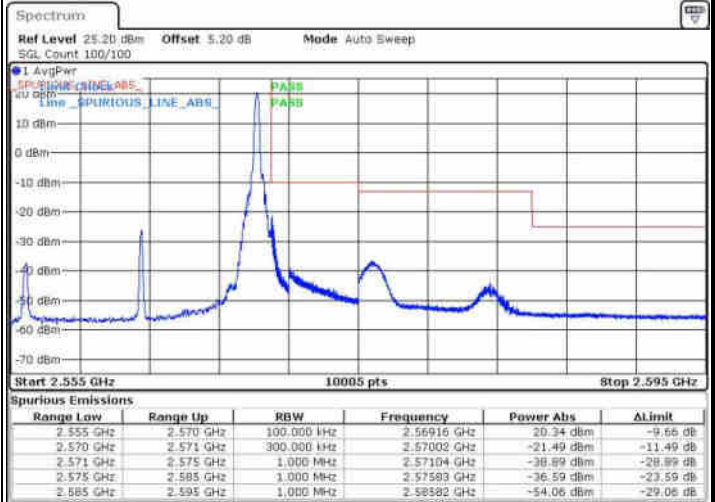


LTE Band 7 / 15MHz / QPSK

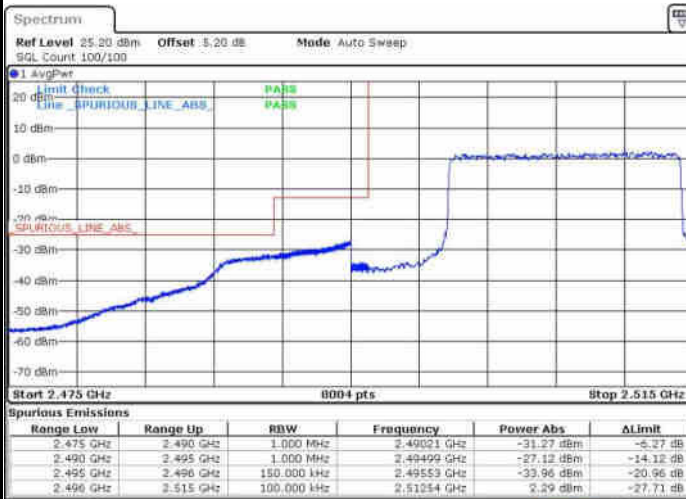
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



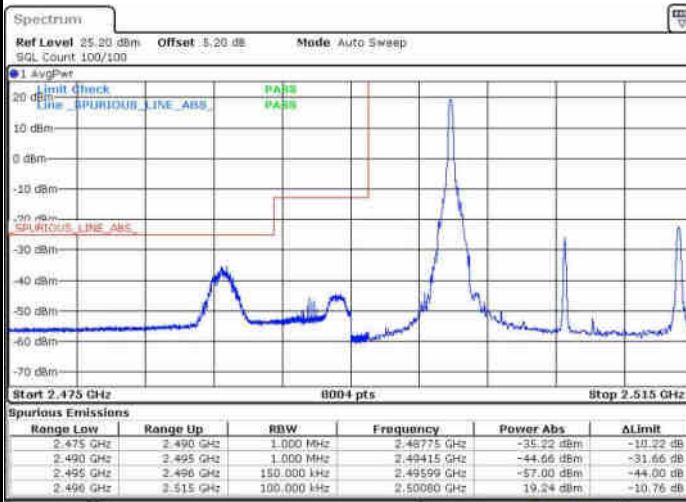
Highest Band Edge / Full RB



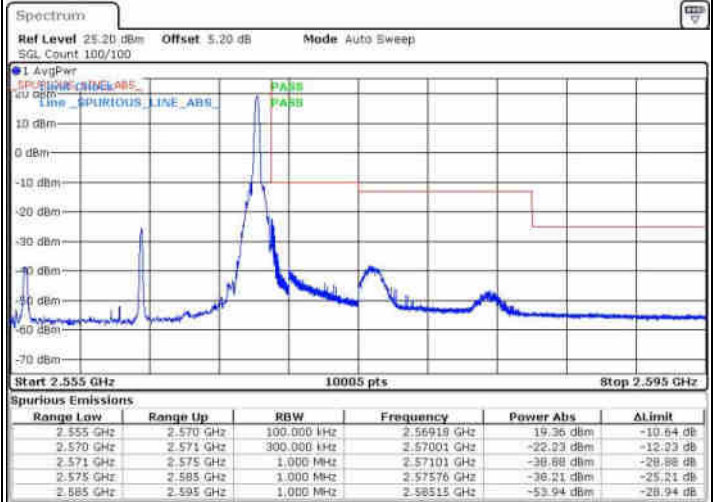


LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



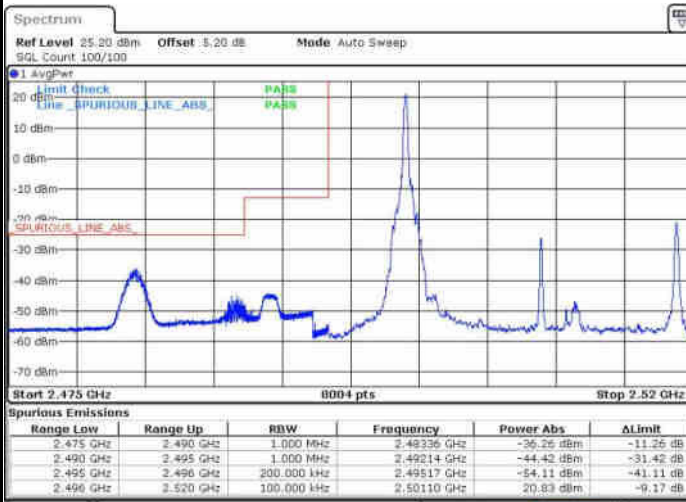
Highest Band Edge / Full RB



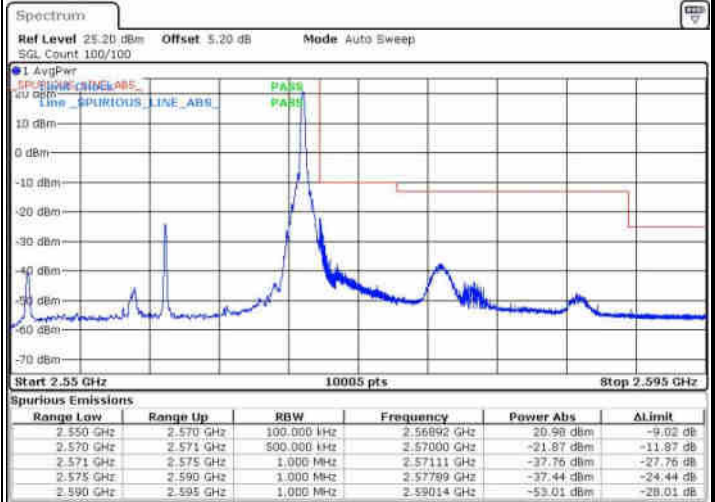


LTE Band 7 / 20MHz / QPSK

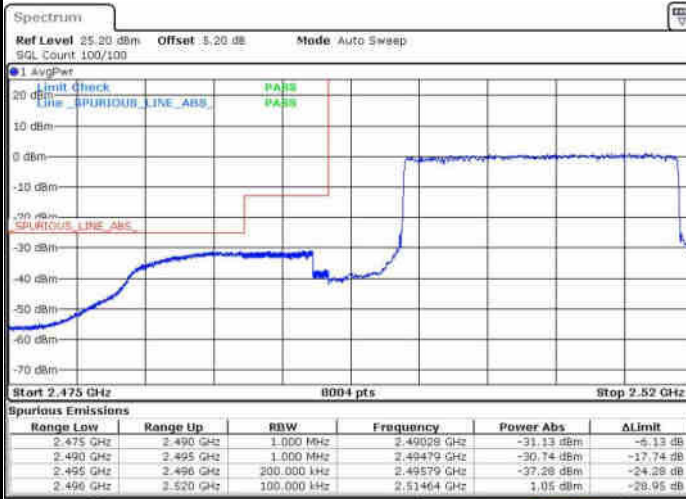
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



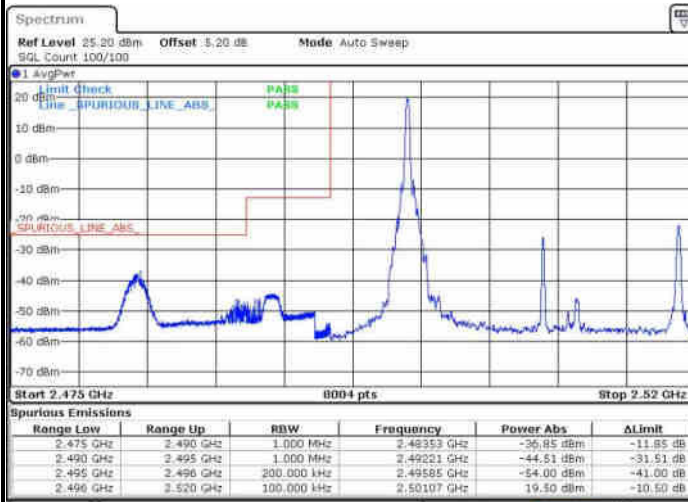
Highest Band Edge / Full RB



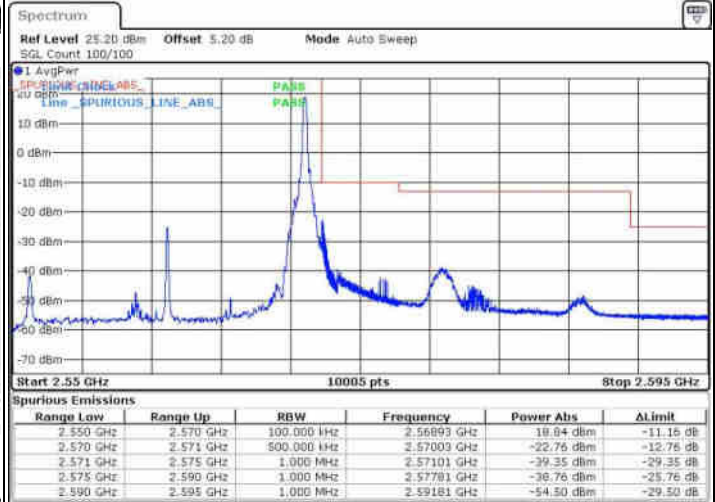


LTE Band 7 / 20MHz / 16QAM

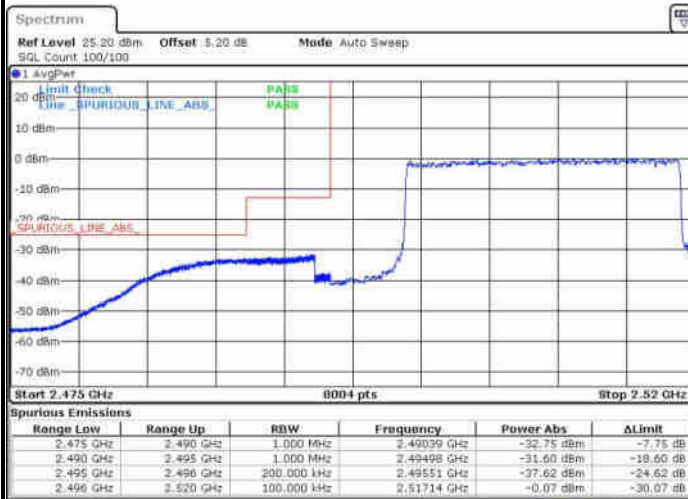
Lowest Band Edge / 1 RB



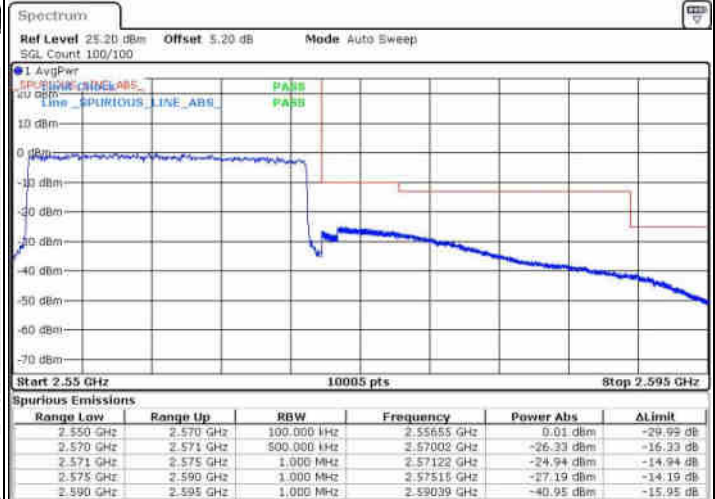
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



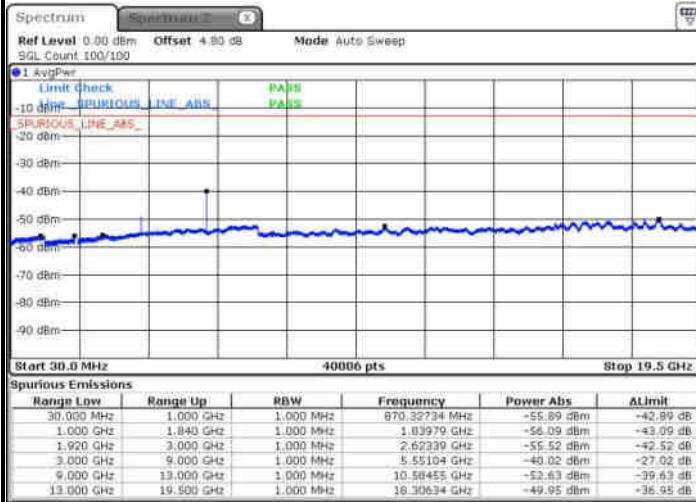


Conducted Spurious Emission



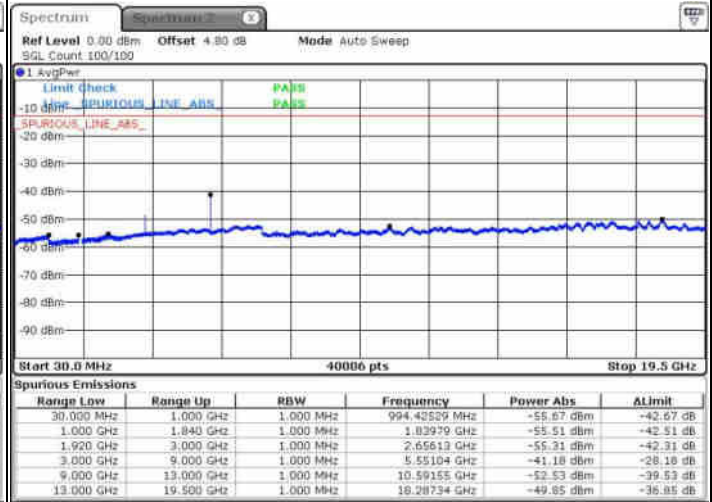
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



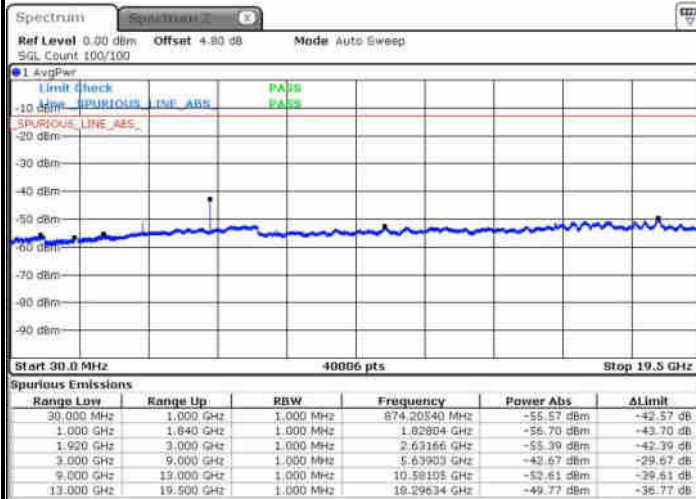
Date: 13 DEC 2015 21:11:30

Lowest Channel / 16QAM



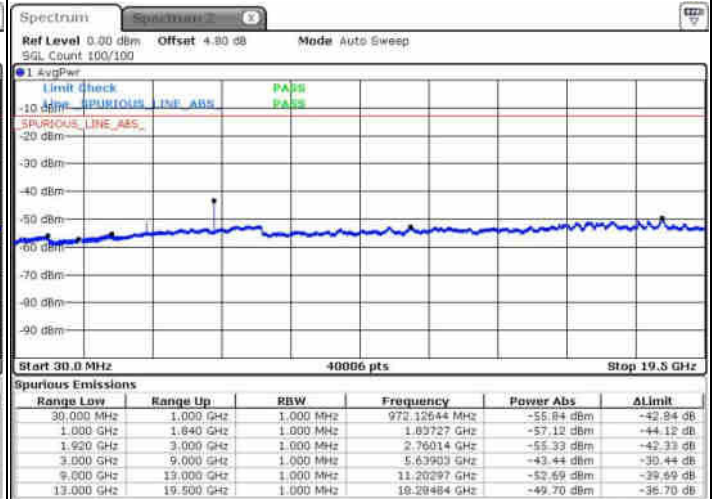
Date: 13 DEC 2015 21:12:34

Middle Channel / QPSK



Date: 13 DEC 2015 21:13:59

Middle Channel / 16QAM

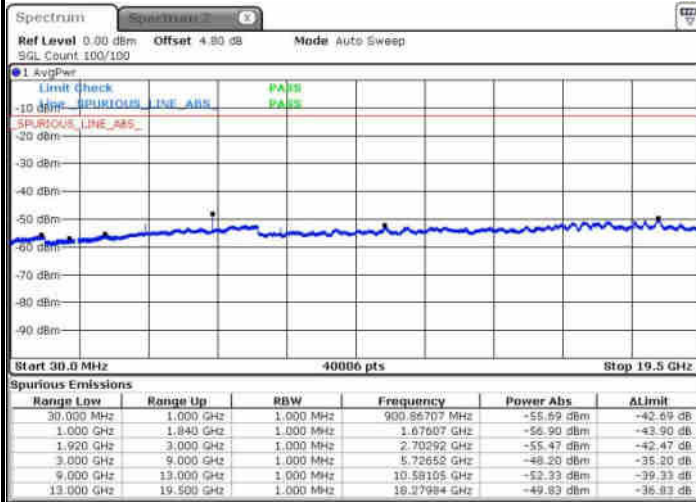


Date: 13 DEC 2015 21:14:53



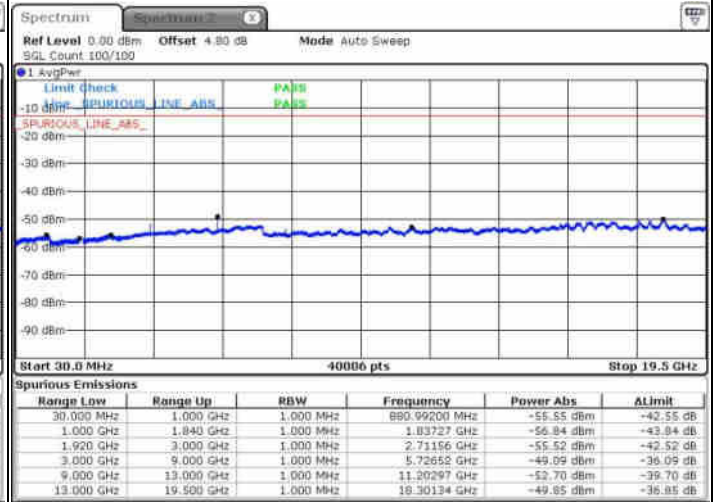
LTE Band 2 / 1.4MHz

Highest Channel / QPSK



Date: 13 DEC 2015 21:21:04

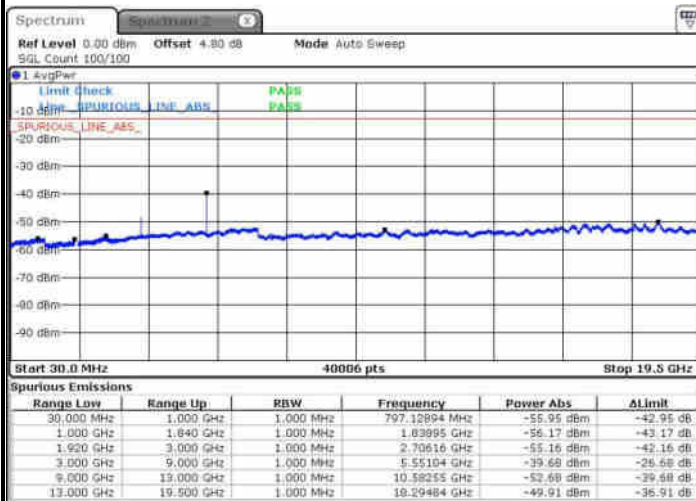
Highest Channel / 16QAM



Date: 13 DEC 2015 21:21:57

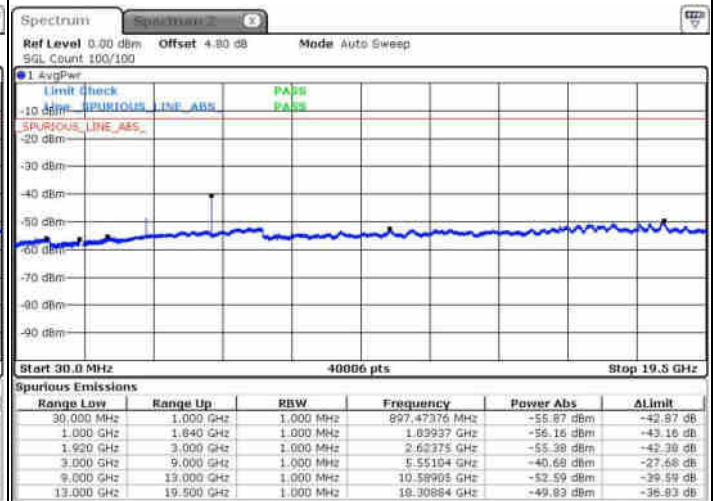
LTE Band 2 / 3MHz

Lowest Channel / QPSK



Date: 13 DEC 2015 21:28:08

Lowest Channel / 16QAM

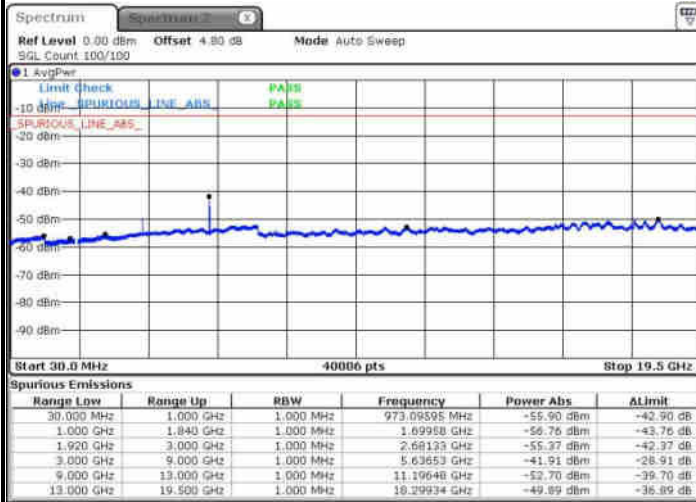


Date: 13 DEC 2015 21:29:05



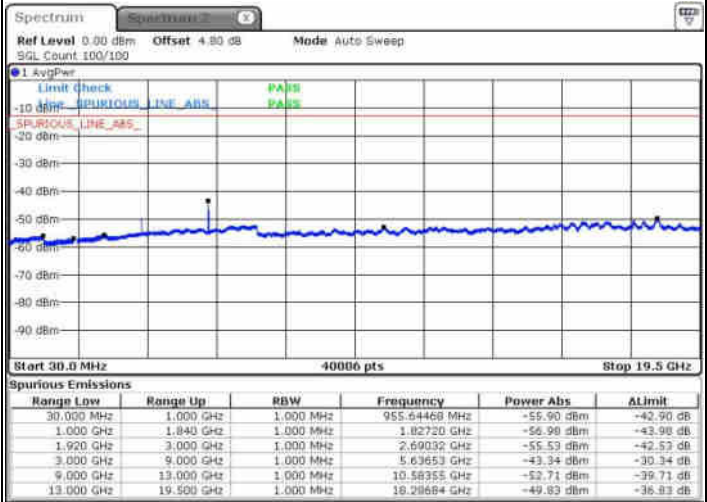
LTE Band 2 / 3MHz

Middle Channel / QPSK



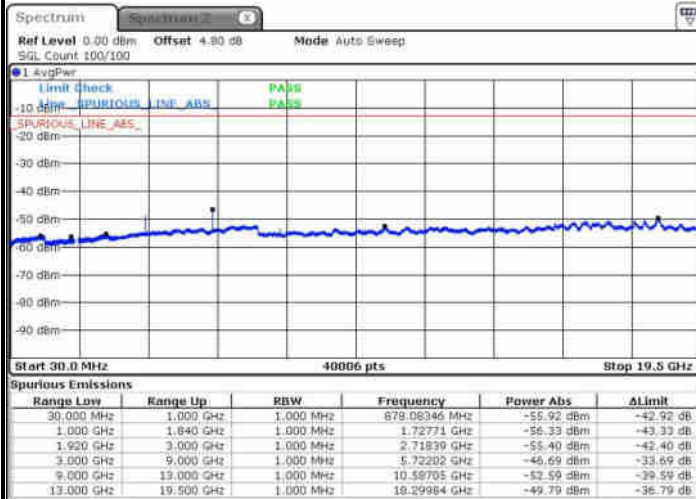
Date: 13 DEC 2015 21:30:41

Middle Channel / 16QAM



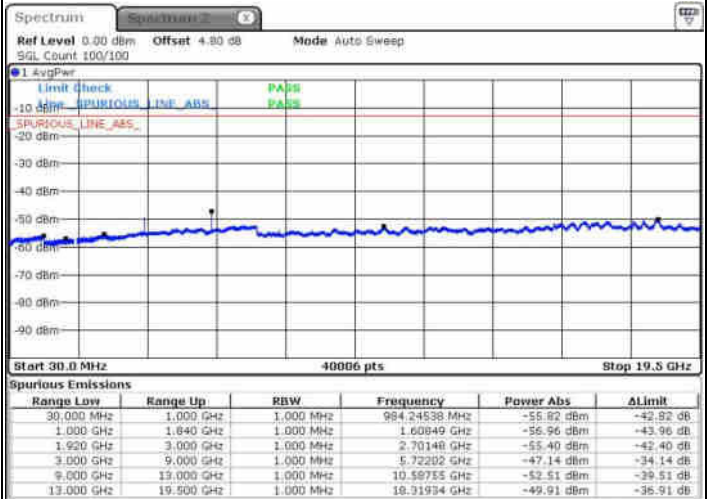
Date: 13 DEC 2015 21:31:34

Highest Channel / QPSK



Date: 13 DEC 2015 21:37:47

Highest Channel / 16QAM

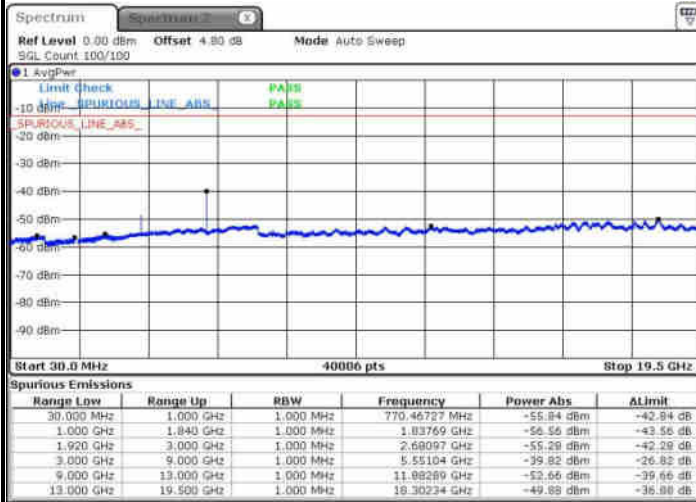


Date: 13 DEC 2015 21:38:41



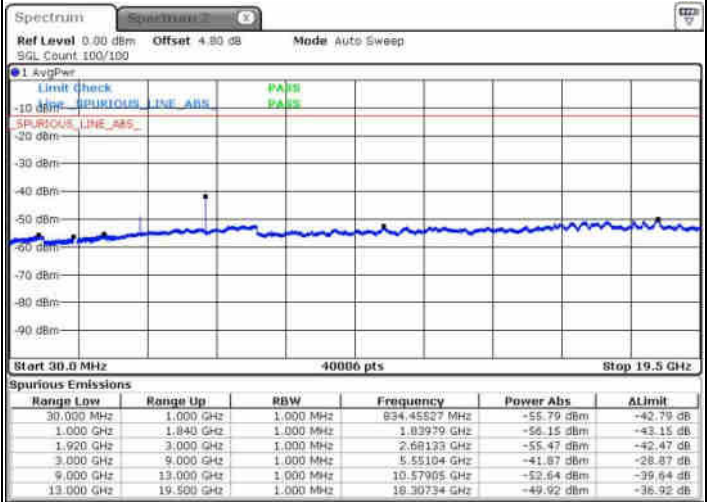
LTE Band 2 / 5MHz

Lowest Channel / QPSK



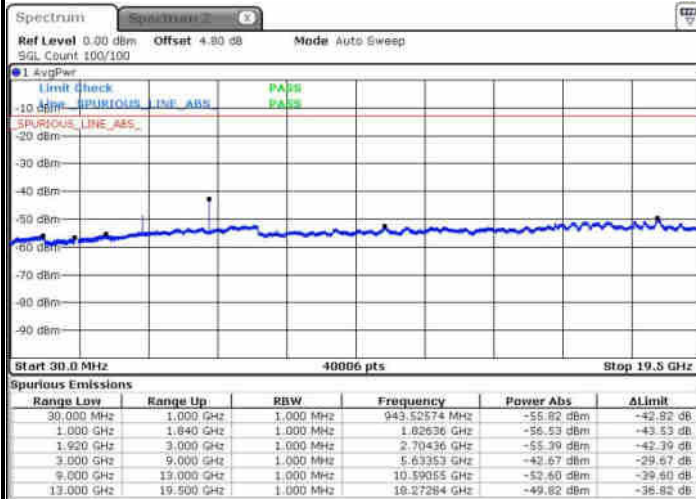
Date: 13 DEC 2015 21:44:51

Lowest Channel / 16QAM



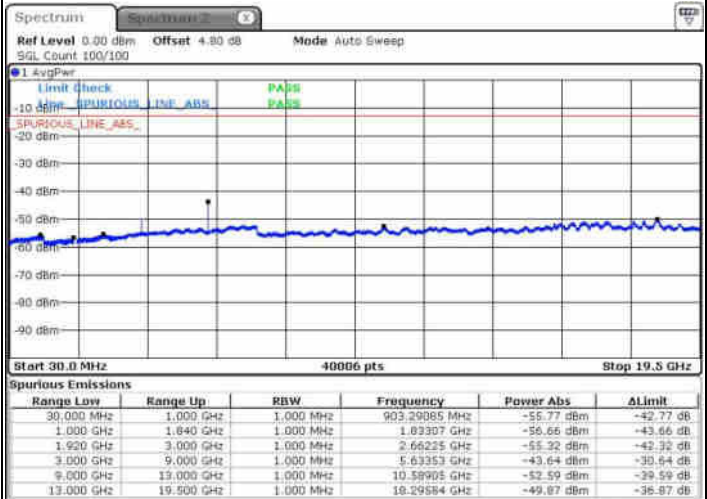
Date: 13 DEC 2015 21:45:45

Middle Channel / QPSK



Date: 13 DEC 2015 21:47:20

Middle Channel / 16QAM

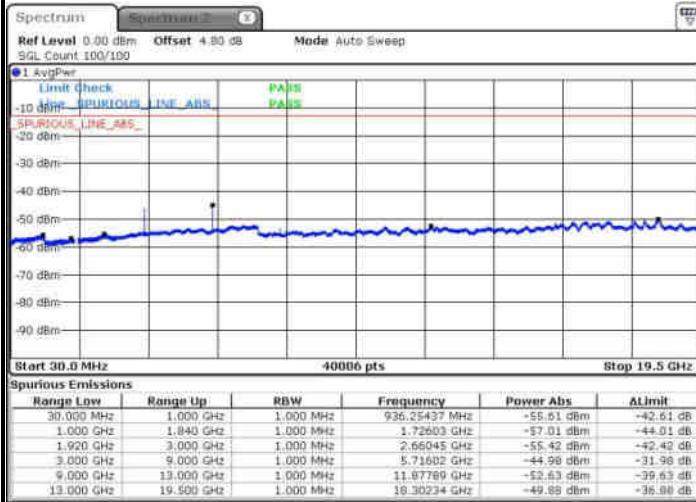


Date: 13 DEC 2015 21:48:14



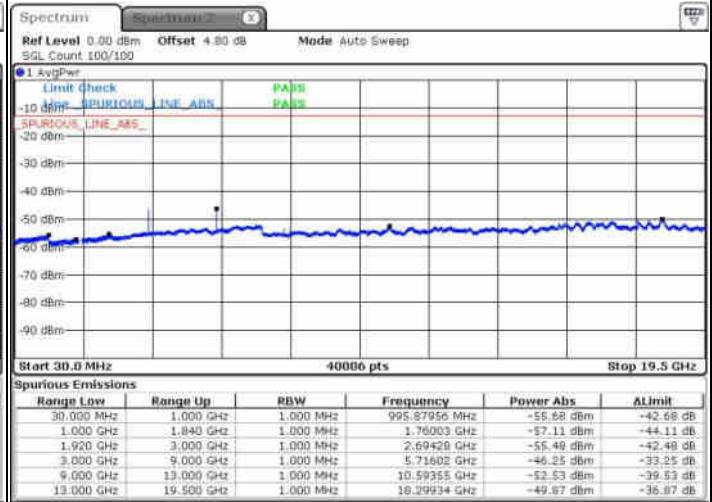
LTE Band 2 / 5MHz

Highest Channel / QPSK



Date: 13 DEC 2015 21:54:24

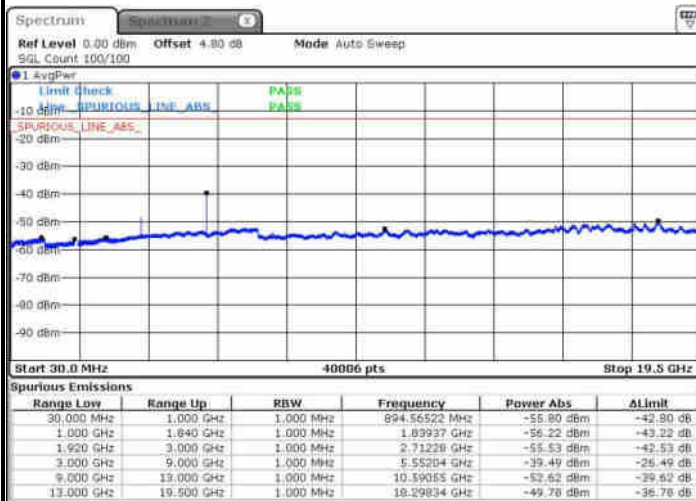
Highest Channel / 16QAM



Date: 13 DEC 2015 21:55:18

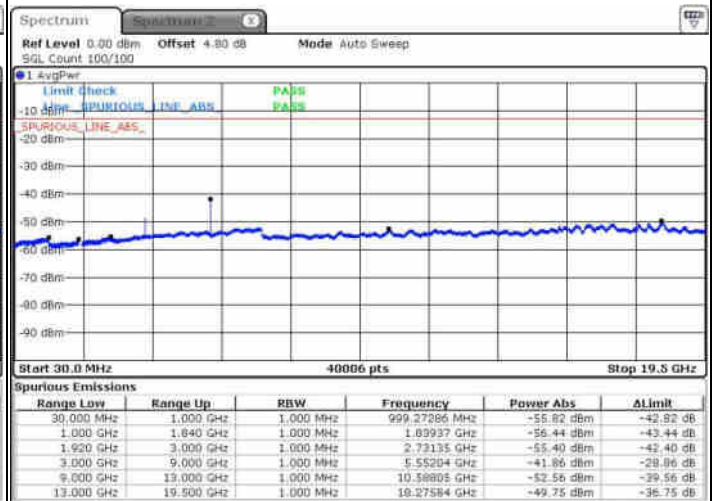
LTE Band 2 / 10MHz

Lowest Channel / QPSK



Date: 13 DEC 2015 22:04:55

Lowest Channel / 16QAM

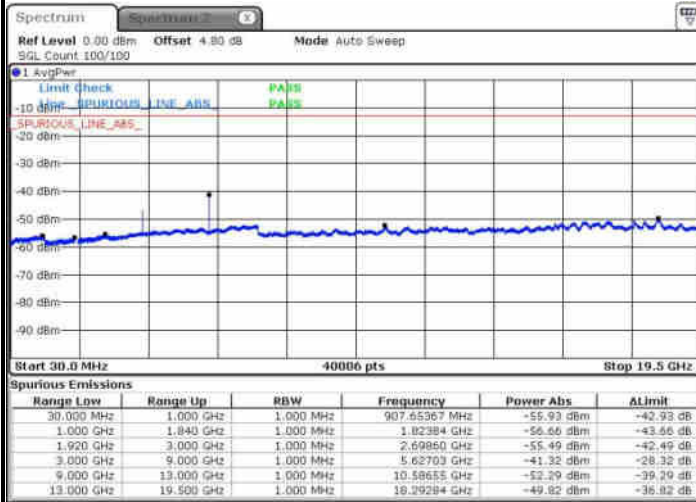


Date: 13 DEC 2015 22:05:48



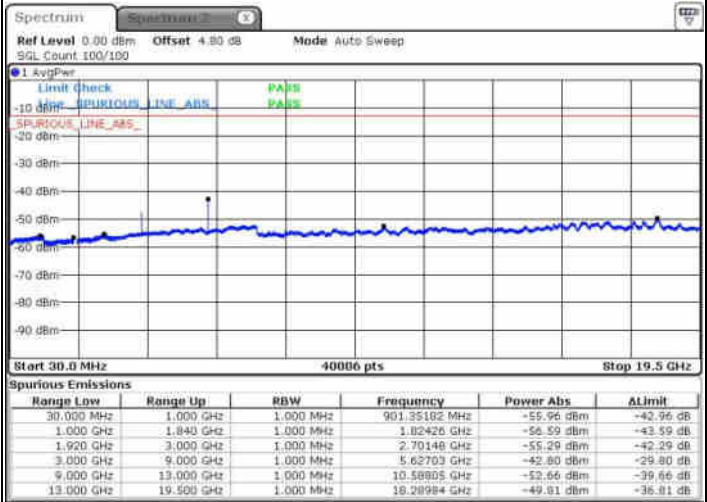
LTE Band 2 / 10MHz

Middle Channel / QPSK



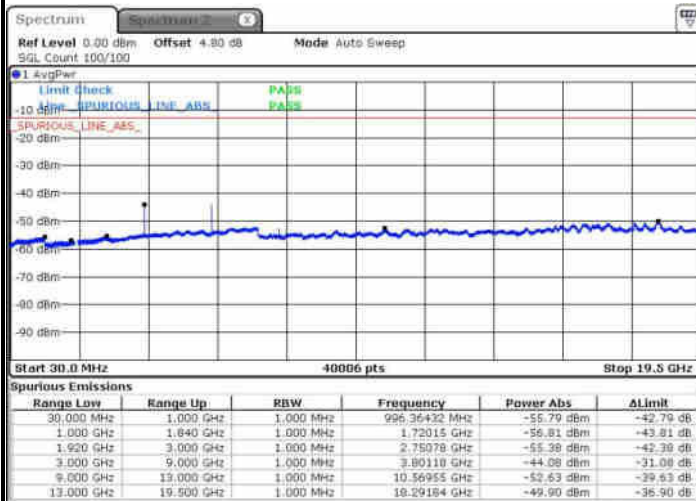
Date: 13 DEC 2015 22:07:24

Middle Channel / 16QAM



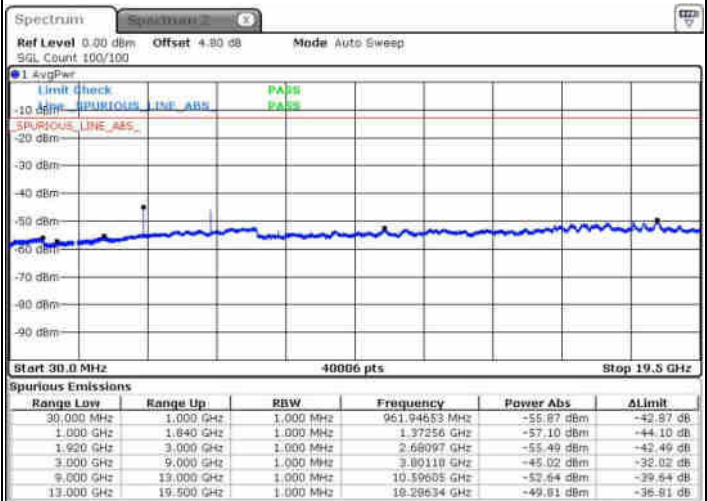
Date: 13 DEC 2015 22:08:18

Highest Channel / QPSK



Date: 13 DEC 2015 22:14:28

Highest Channel / 16QAM

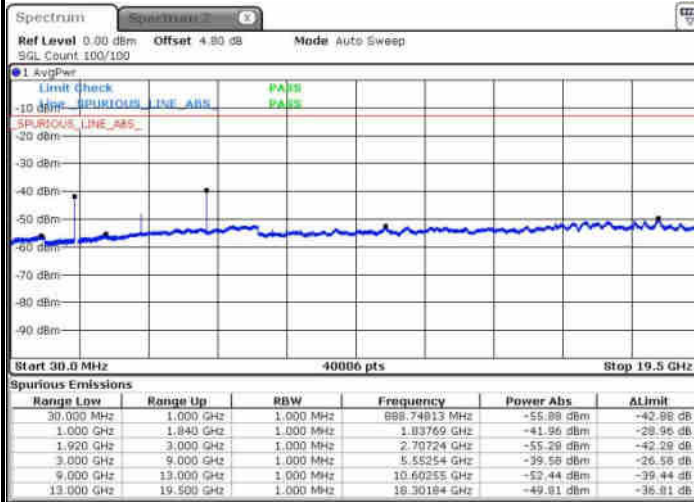


Date: 13 DEC 2015 22:15:22



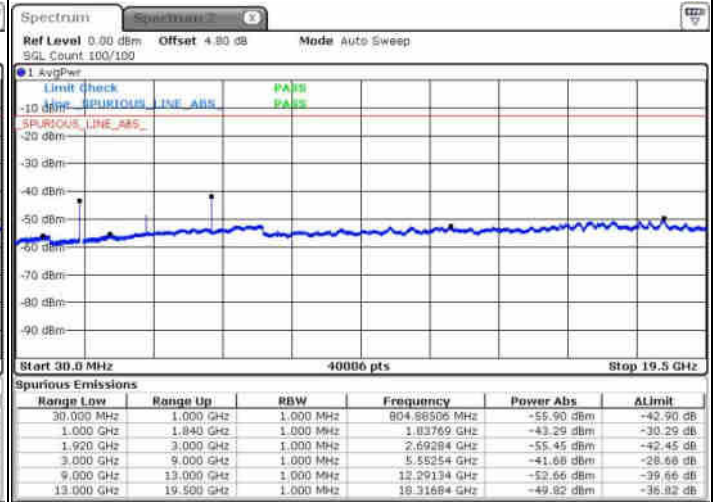
LTE Band 2 / 15MHz

Lowest Channel / QPSK



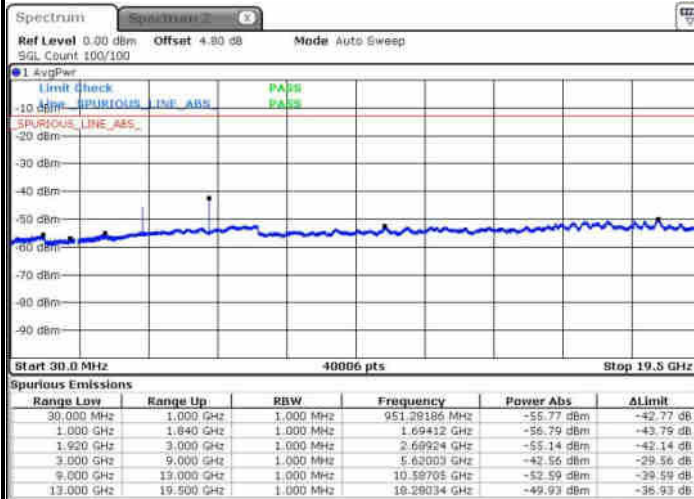
Date: 13 DEC 2015 22:21:33

Lowest Channel / 16QAM



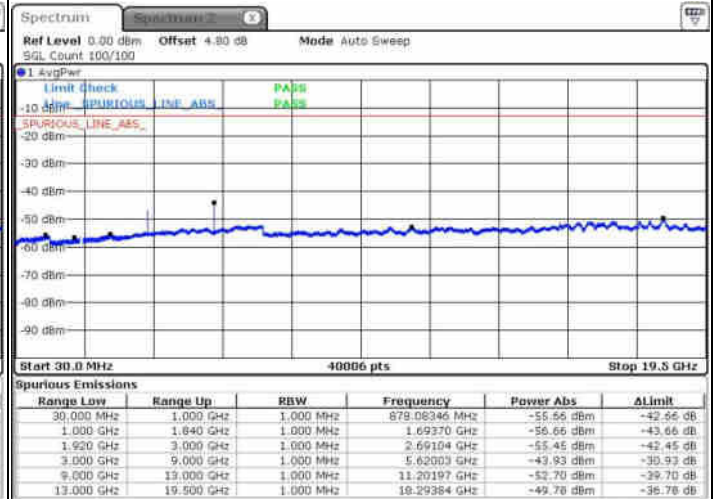
Date: 13 DEC 2015 22:22:26

Middle Channel / QPSK



Date: 13 DEC 2015 22:24:02

Middle Channel / 16QAM

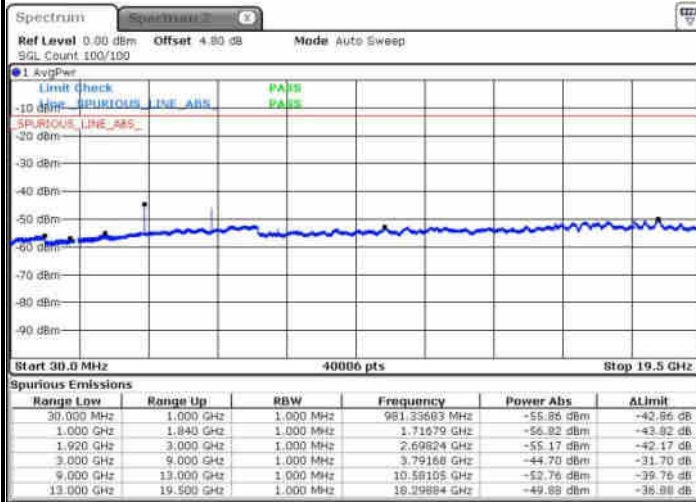


Date: 13 DEC 2015 22:24:58



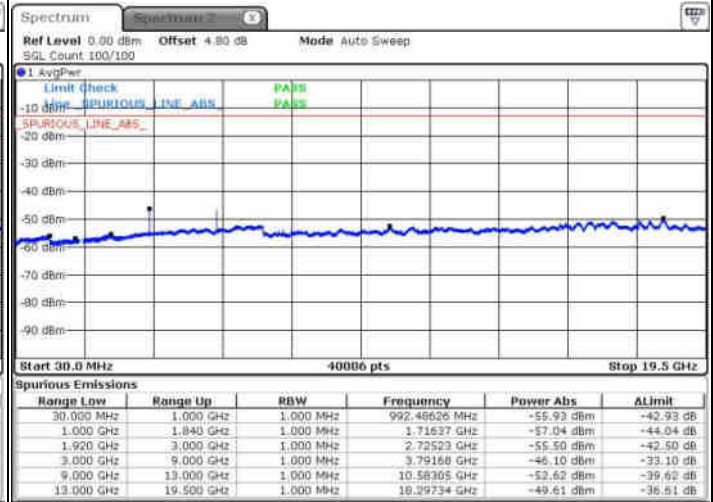
LTE Band 2 / 15MHz

Highest Channel / QPSK



Date: 13 DEC 2015 22:31:06

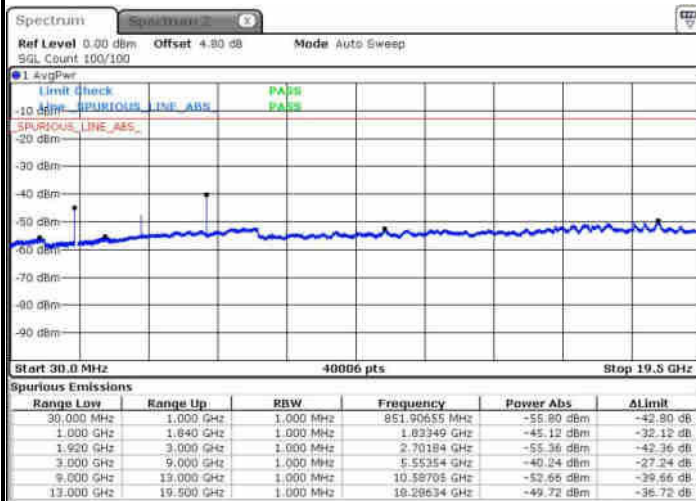
Highest Channel / 16QAM



Date: 13 DEC 2015 22:32:00

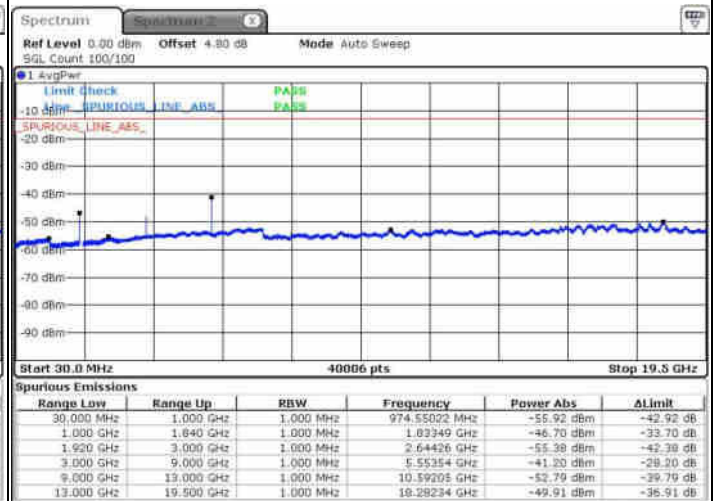
LTE Band 2 / 20MHz

Lowest Channel / QPSK



Date: 13 DEC 2015 22:38:10

Lowest Channel / 16QAM

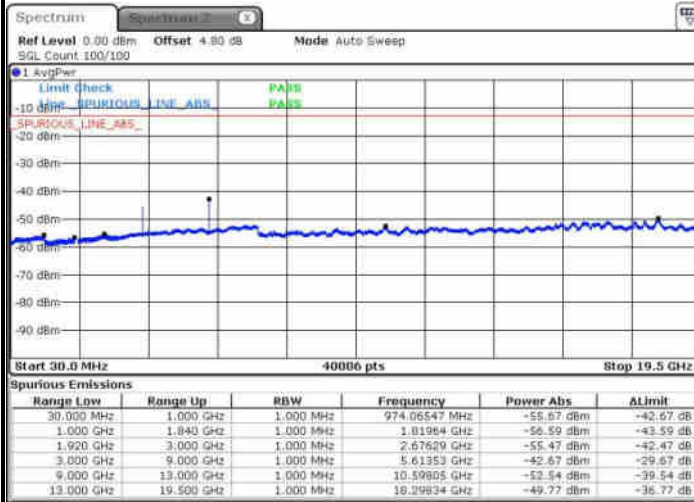


Date: 13 DEC 2015 22:39:04



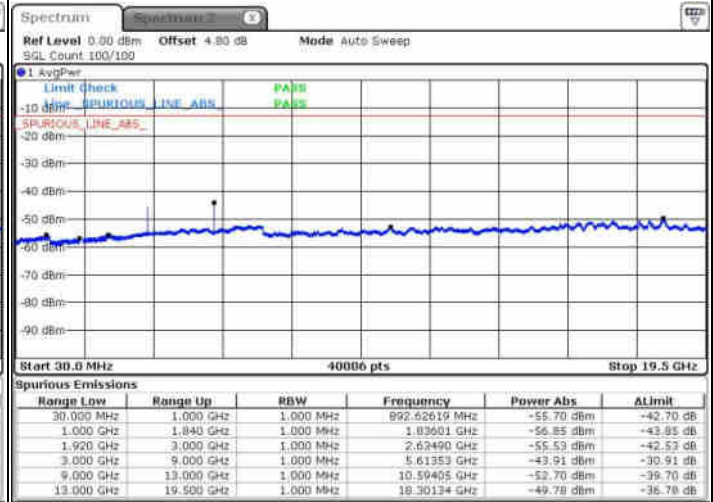
LTE Band 2 / 20MHz

Middle Channel / QPSK



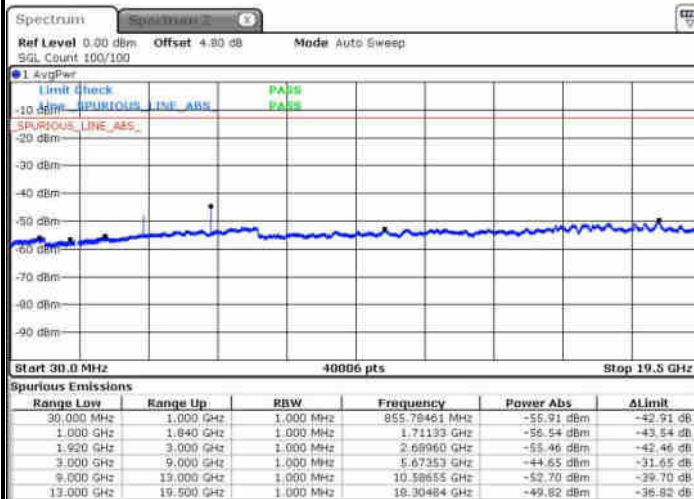
Date: 13 DEC 2015 22:40:40

Middle Channel / 16QAM



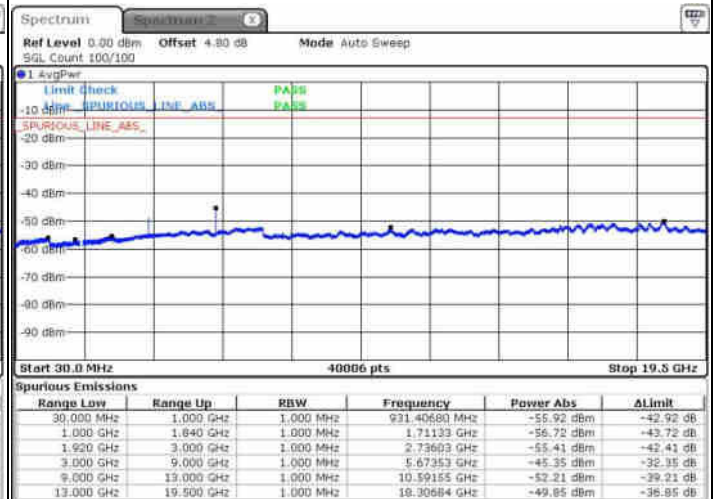
Date: 13 DEC 2015 22:41:33

Highest Channel / QPSK



Date: 13 DEC 2015 22:47:44

Highest Channel / 16QAM

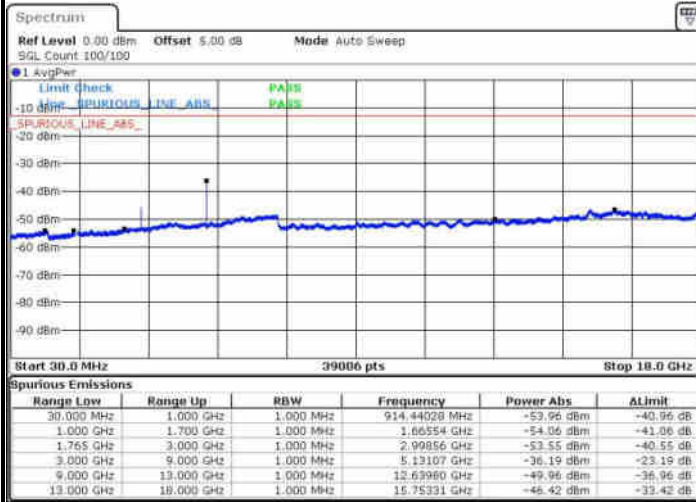


Date: 13 DEC 2015 22:48:38



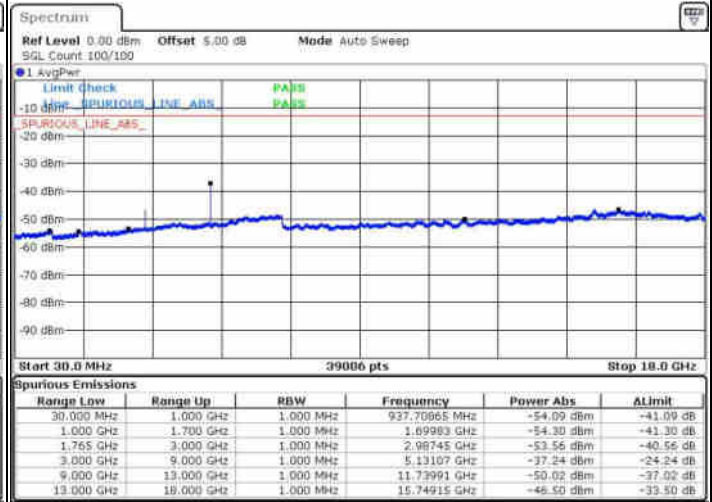
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK



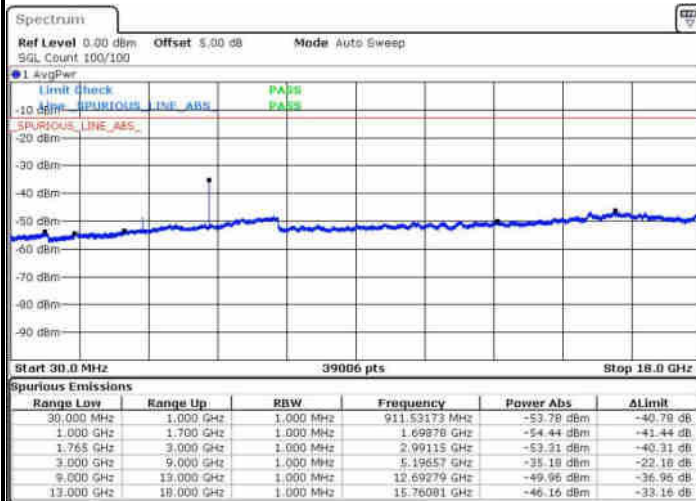
Date: 14 DEC 2015 10:20:28

Lowest Channel / 16QAM



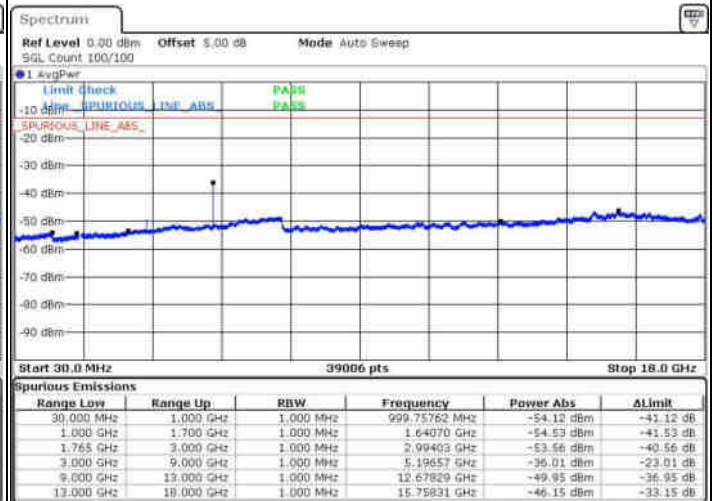
Date: 14 DEC 2015 10:21:24

Middle Channel / QPSK



Date: 14 DEC 2015 10:23:01

Middle Channel / 16QAM

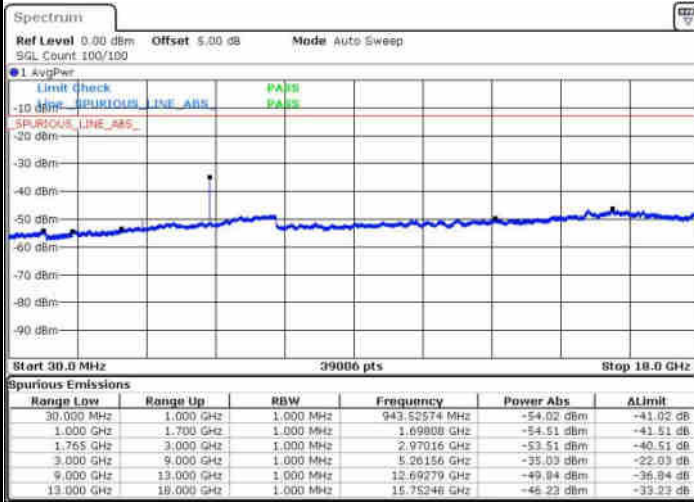


Date: 14 DEC 2015 10:23:57



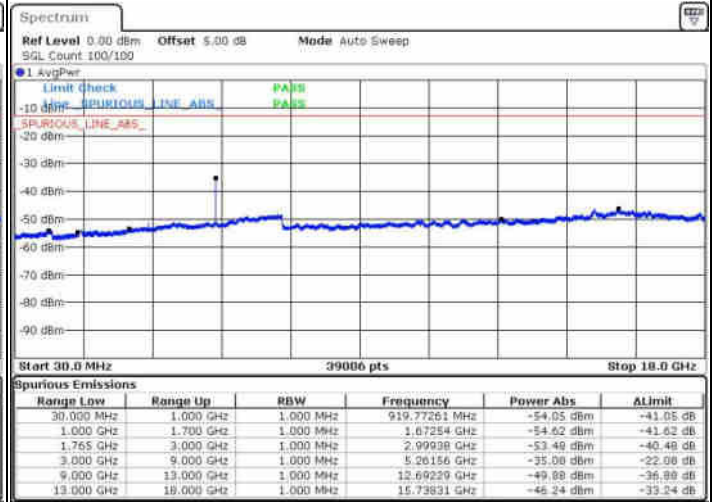
LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Date: 14 DEC 2015 10:30:06

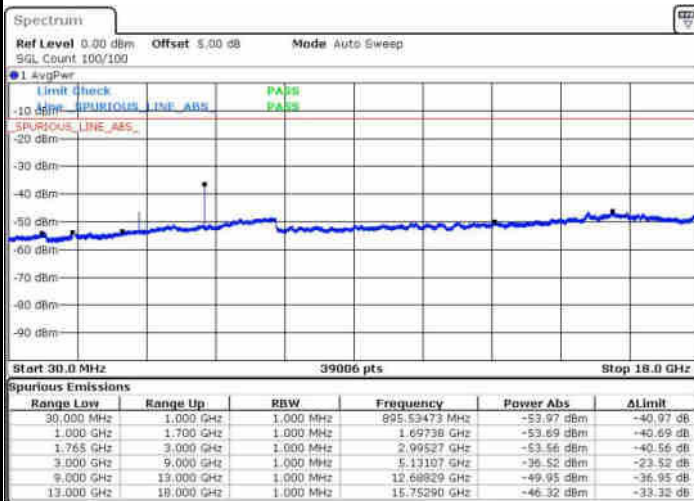
Highest Channel / 16QAM



Date: 14 DEC 2015 10:31:02

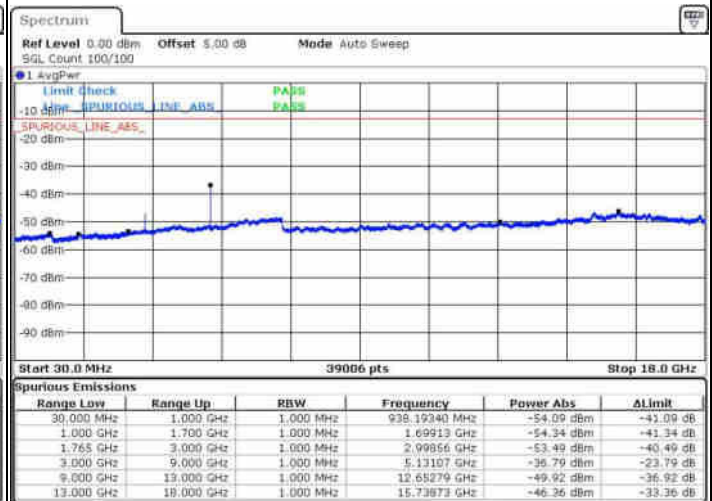
LTE Band 4 / 3MHz

Lowest Channel / QPSK



Date: 14 DEC 2015 10:37:11

Lowest Channel / 16QAM

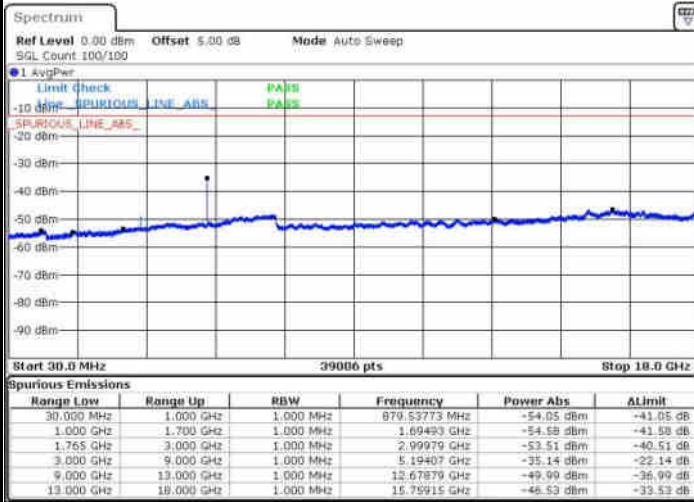


Date: 14 DEC 2015 10:38:07



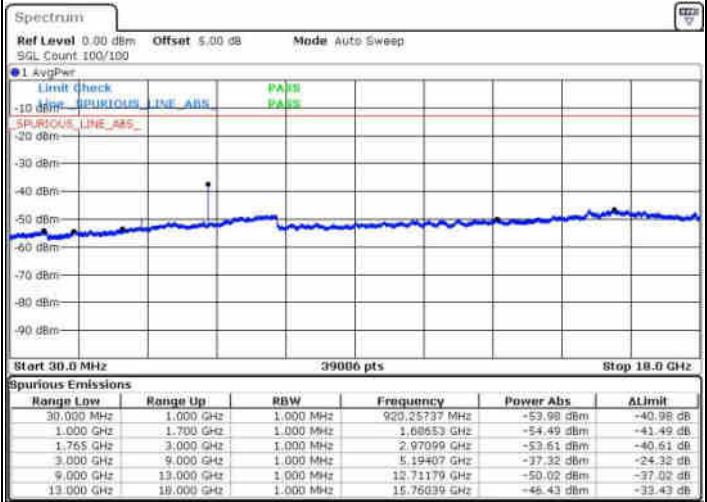
LTE Band 4 / 3MHz

Middle Channel / QPSK



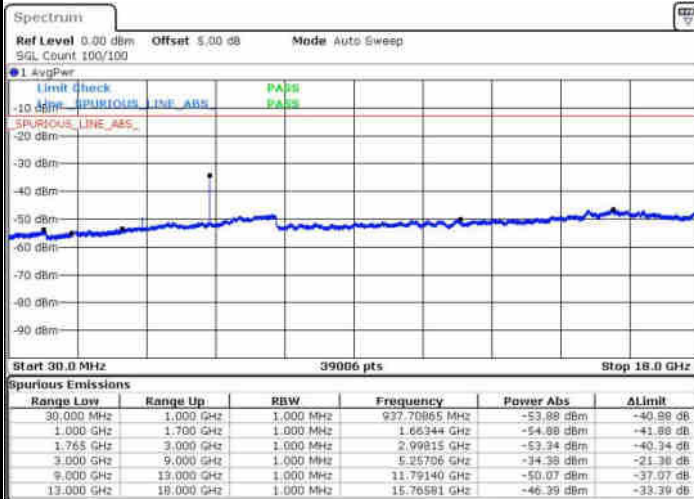
Date: 14 DEC 2015 10:38:44

Middle Channel / 16QAM



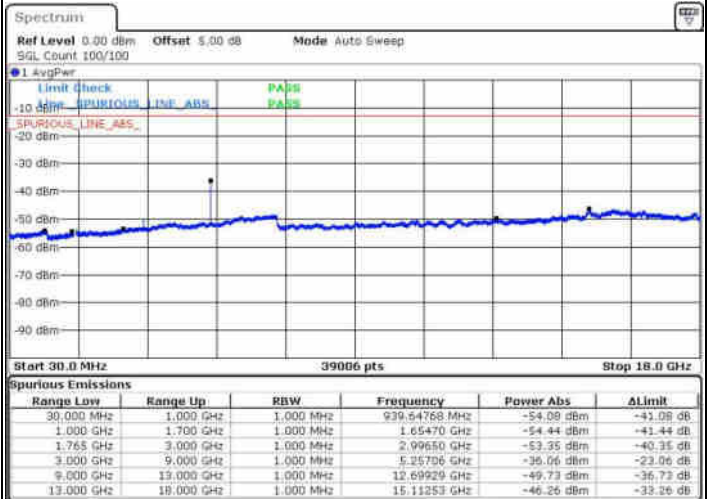
Date: 14 DEC 2015 10:40:39

Highest Channel / QPSK



Date: 14 DEC 2015 10:46:48

Highest Channel / 16QAM

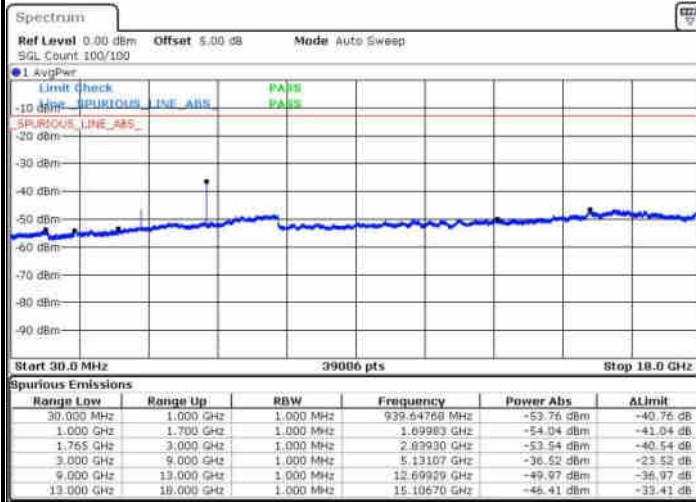


Date: 14 DEC 2015 10:47:43



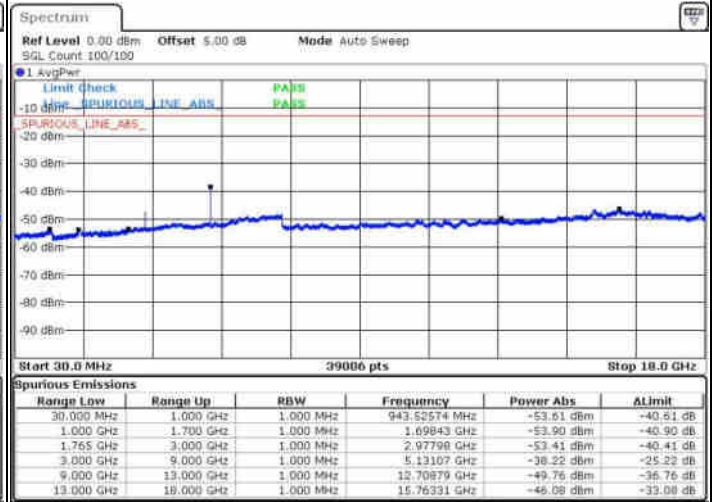
LTE Band 4 / 5MHz

Lowest Channel / QPSK



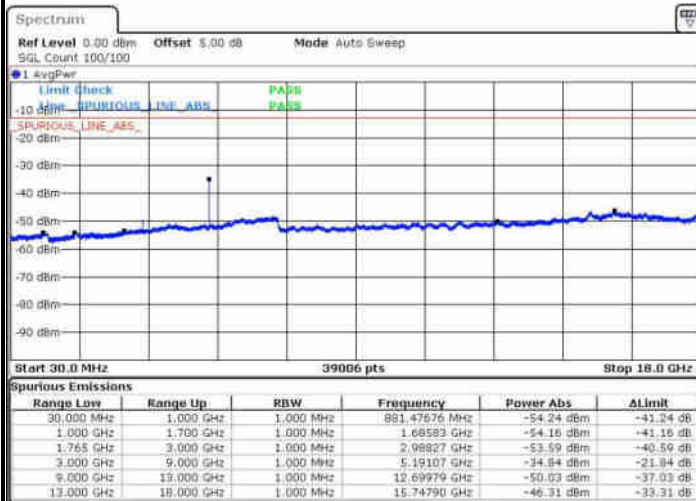
Date: 14 DEC 2015 10:53:53

Lowest Channel / 16QAM



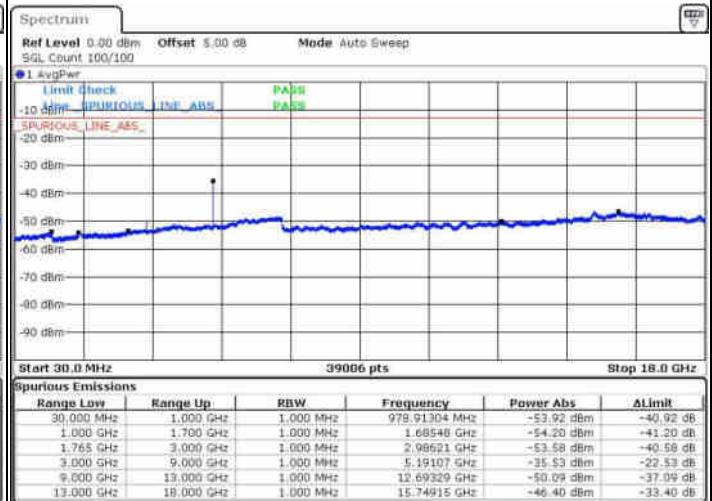
Date: 14 DEC 2015 10:54:48

Middle Channel / QPSK



Date: 14 DEC 2015 10:56:26

Middle Channel / 16QAM

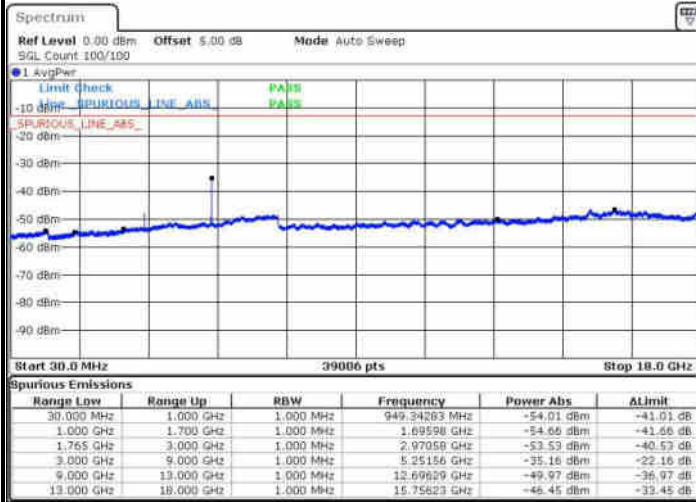


Date: 14 DEC 2015 10:57:21



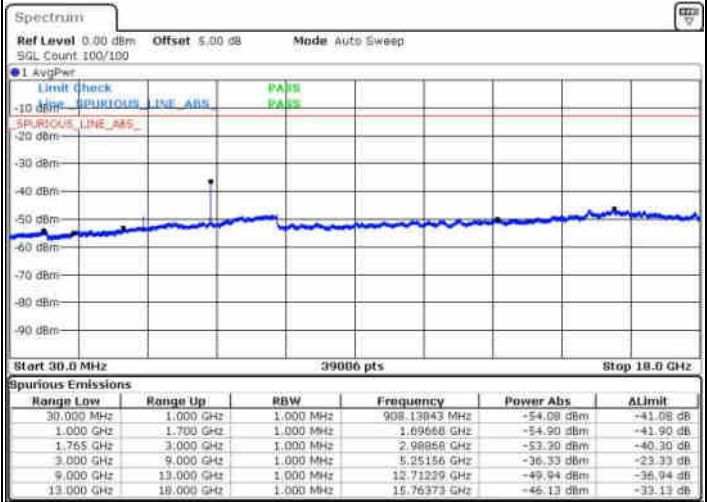
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 14 DEC 2015 11:03:31

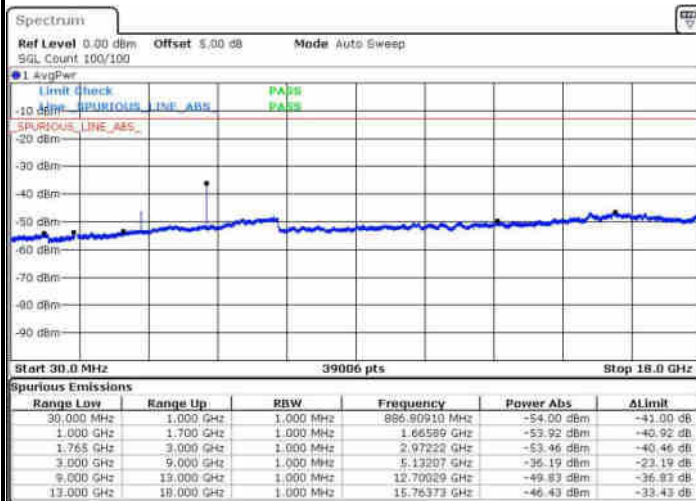
Highest Channel / 16QAM



Date: 14 DEC 2015 11:04:26

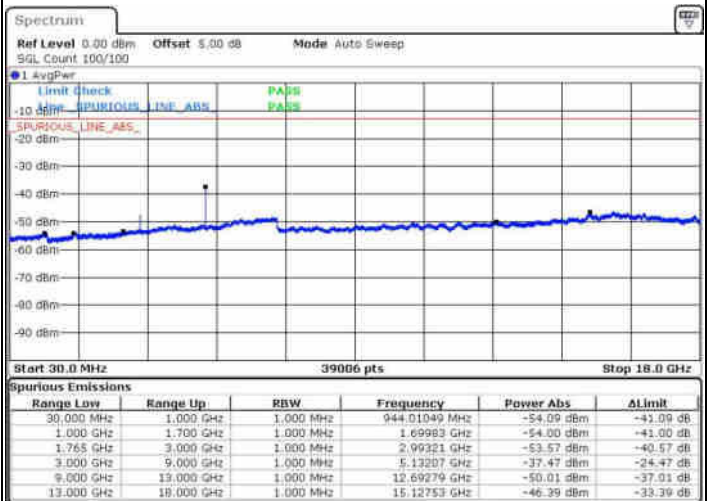
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 14 DEC 2015 11:10:36

Lowest Channel / 16QAM

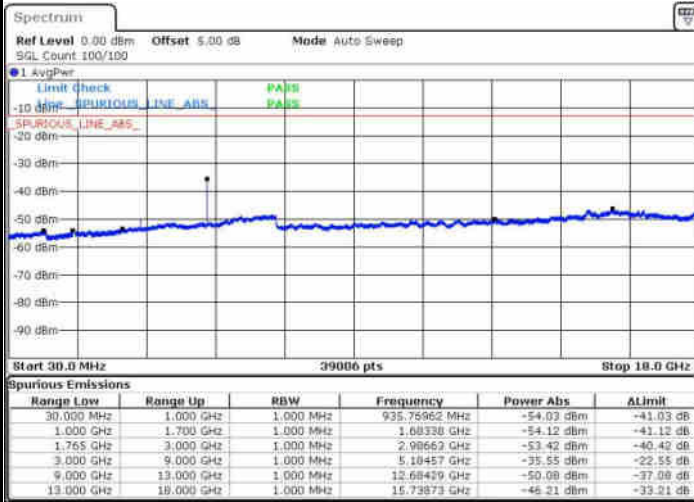


Date: 14 DEC 2015 11:11:31



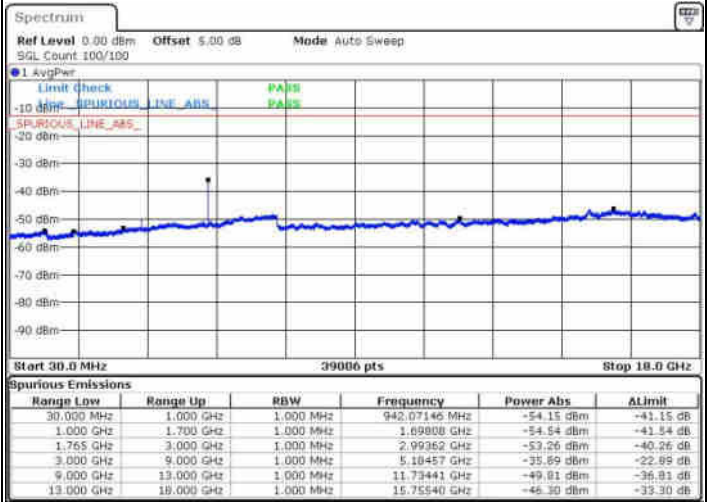
LTE Band 4 / 10MHz

Middle Channel / QPSK



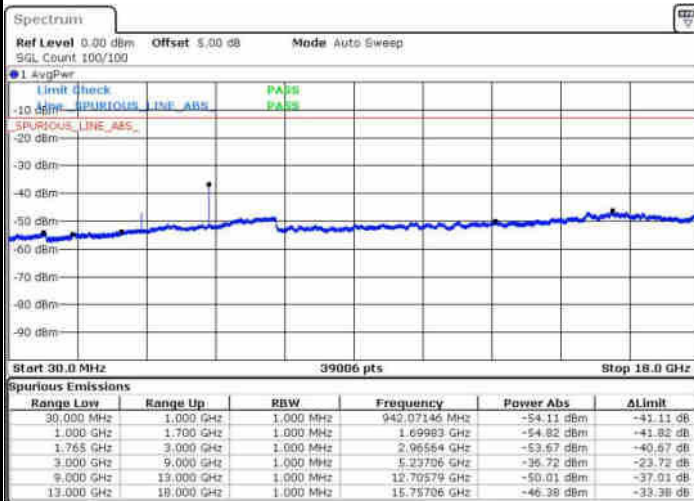
Date: 14 DEC 2015 11:13:08

Middle Channel / 16QAM



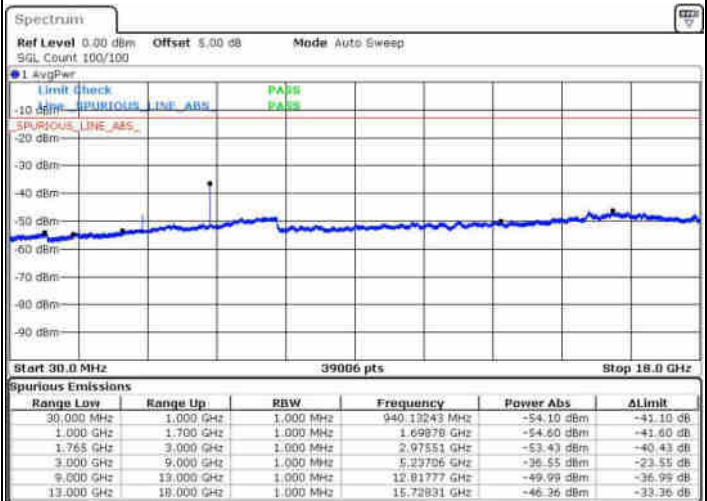
Date: 14 DEC 2015 11:14:04

Highest Channel / QPSK



Date: 14 DEC 2015 11:20:13

Highest Channel / 16QAM

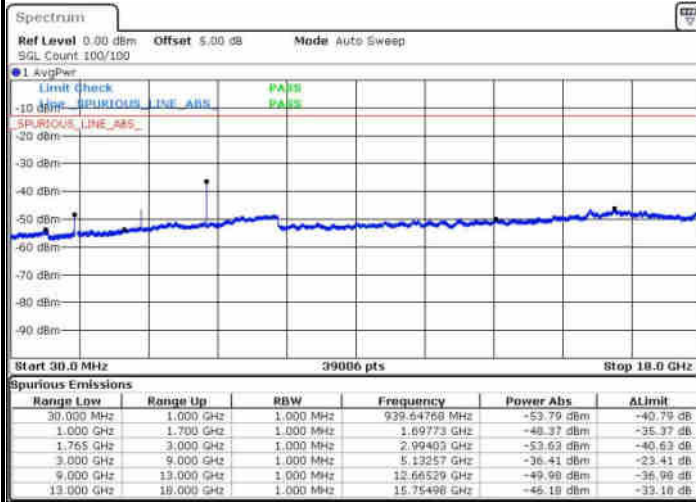


Date: 14 DEC 2015 11:21:09



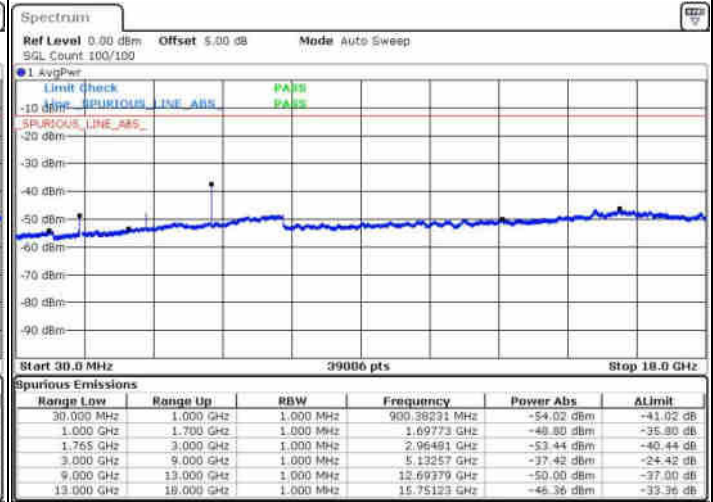
LTE Band 4 / 15MHz

Lowest Channel / QPSK



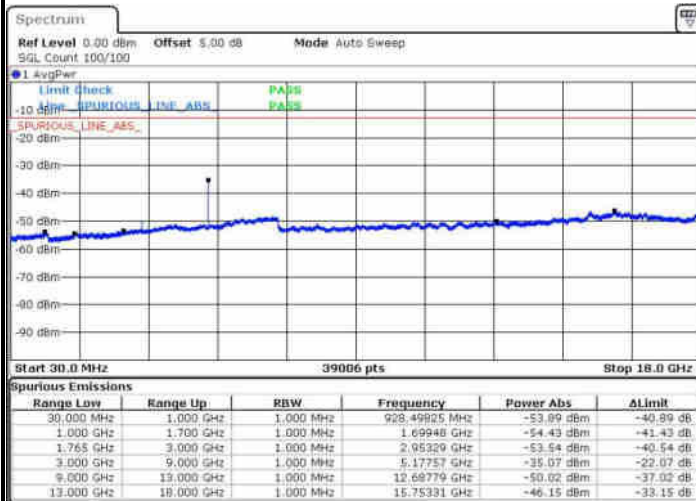
Date: 14 DEC 2015 11:27:18

Lowest Channel / 16QAM



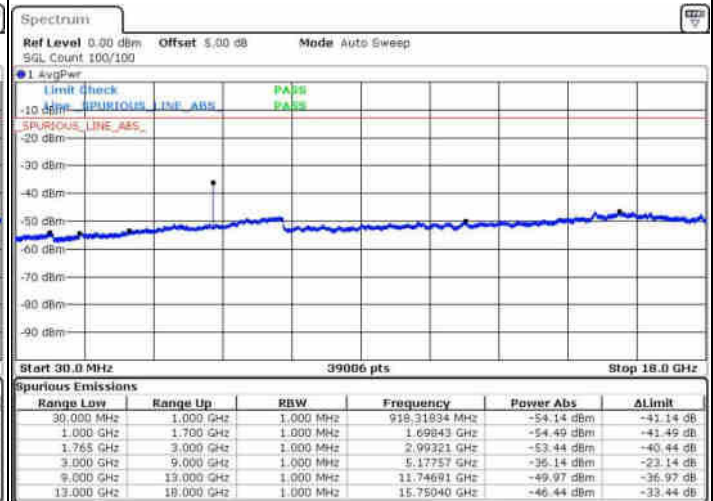
Date: 14 DEC 2015 13:40:48

Middle Channel / QPSK



Date: 14 DEC 2015 11:29:51

Middle Channel / 16QAM

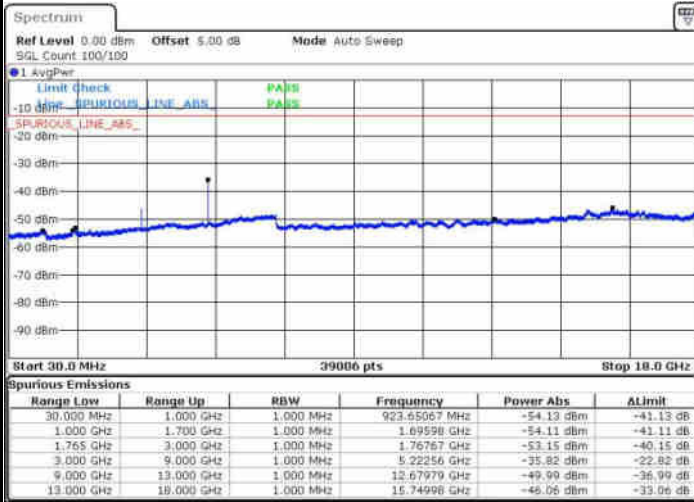


Date: 14 DEC 2015 11:30:48



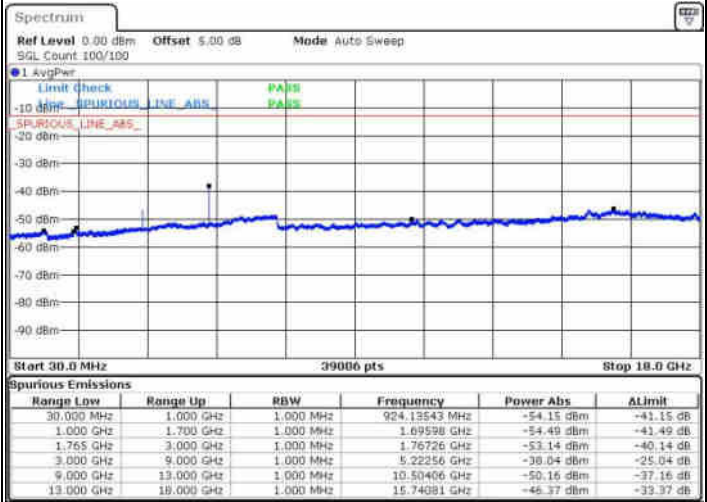
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 14 DEC 2015 11:36:56

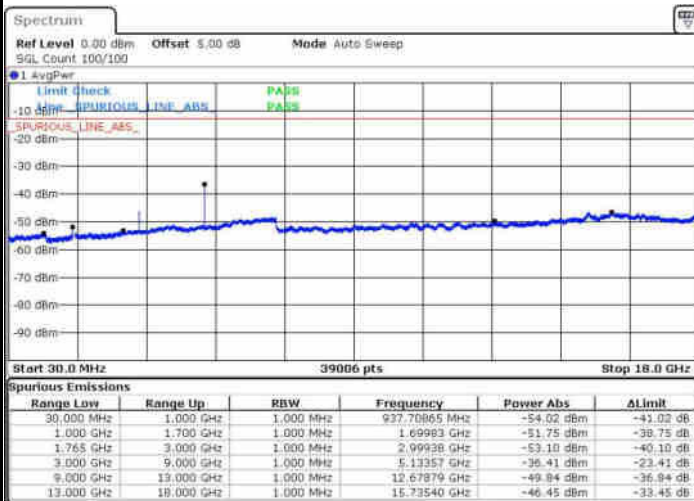
Highest Channel / 16QAM



Date: 14 DEC 2015 11:37:51

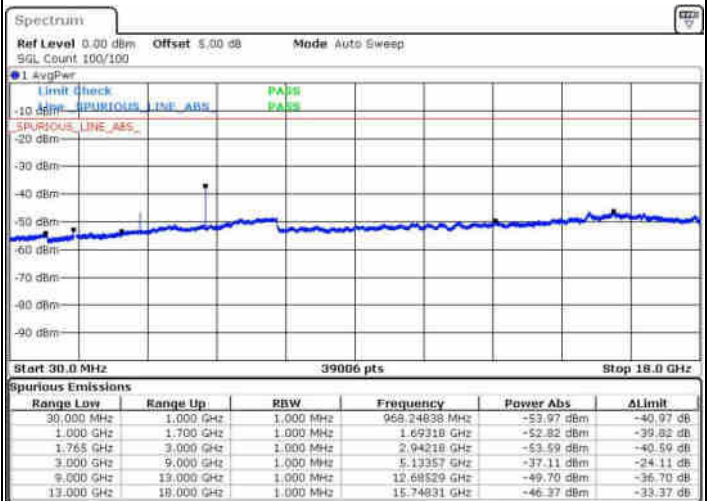
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 14 DEC 2015 11:44:01

Lowest Channel / 16QAM

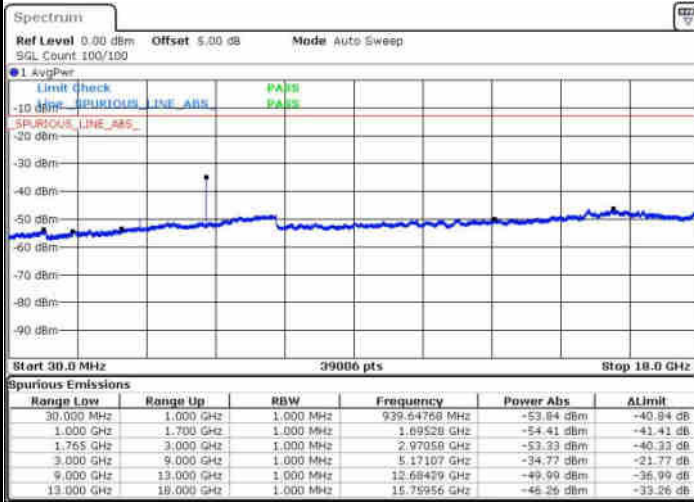


Date: 14 DEC 2015 11:44:56



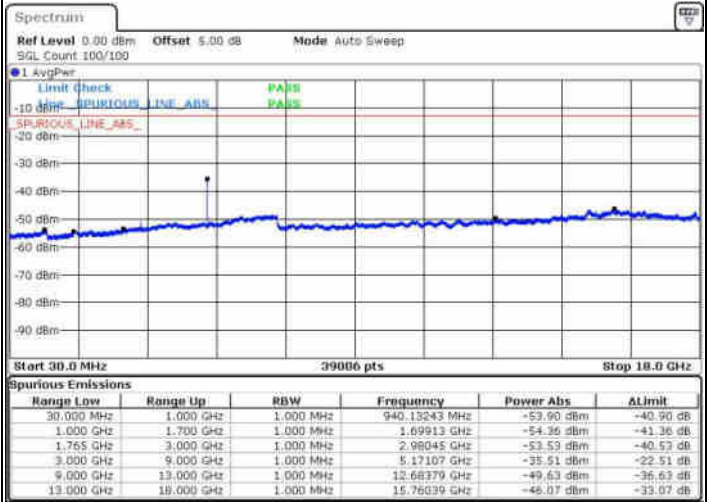
LTE Band 4 / 20MHz

Middle Channel / QPSK



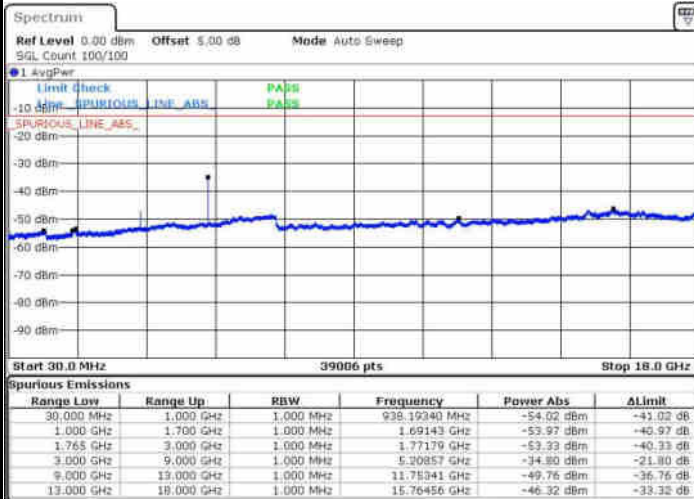
Date: 14 DEC 2015 11:46:33

Middle Channel / 16QAM



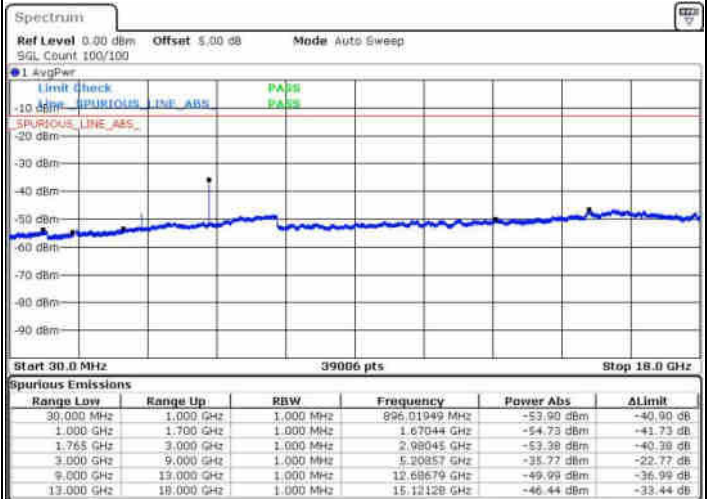
Date: 14 DEC 2015 11:47:29

Highest Channel / QPSK



Date: 14 DEC 2015 11:53:38

Highest Channel / 16QAM

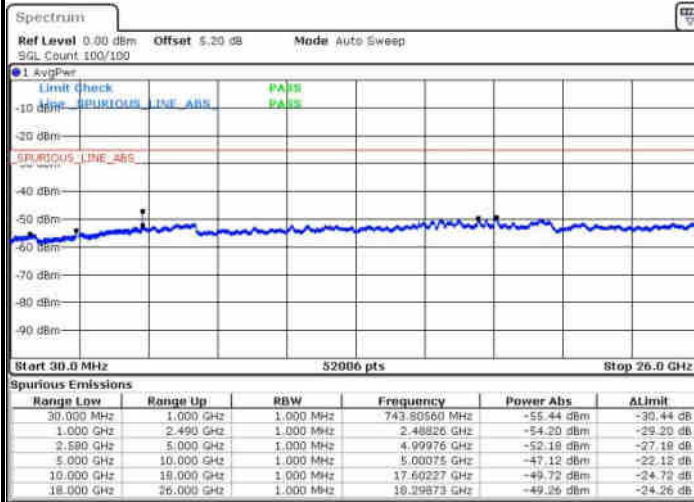


Date: 14 DEC 2015 11:54:34



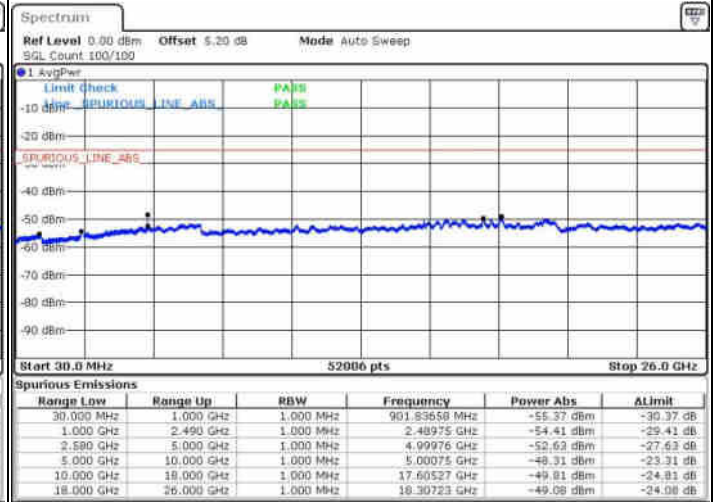
LTE Band 7 / 5MHz

Lowest Channel / QPSK



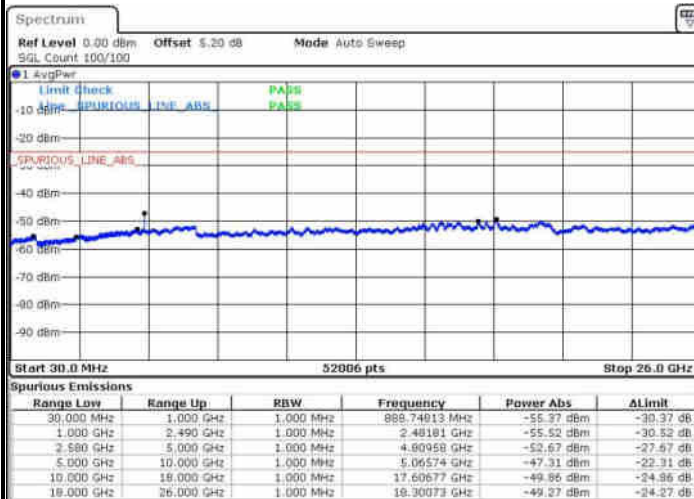
Date: 16 DEC 2015 03:38:16

Lowest Channel / 16QAM



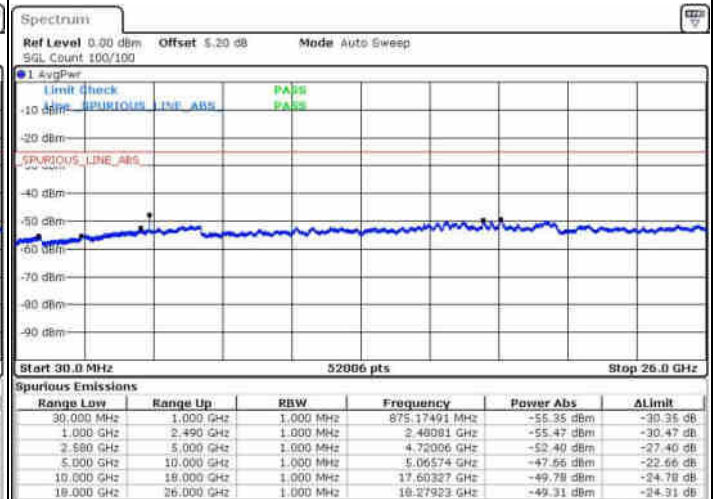
Date: 16 DEC 2015 03:39:10

Middle Channel / QPSK



Date: 16 DEC 2015 03:40:57

Middle Channel / 16QAM

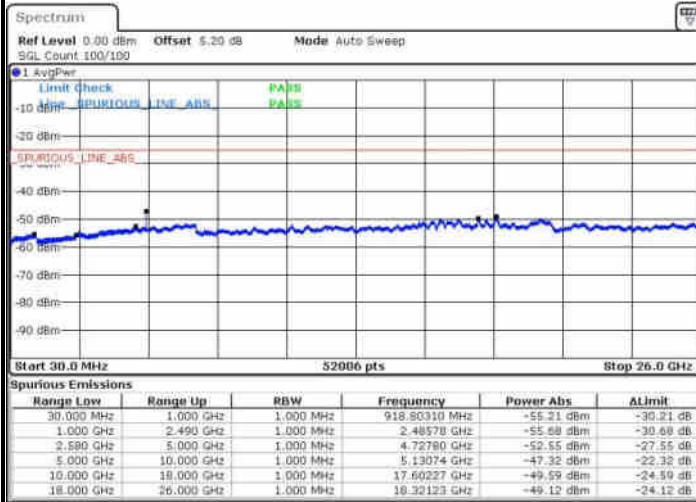


Date: 16 DEC 2015 03:40:04



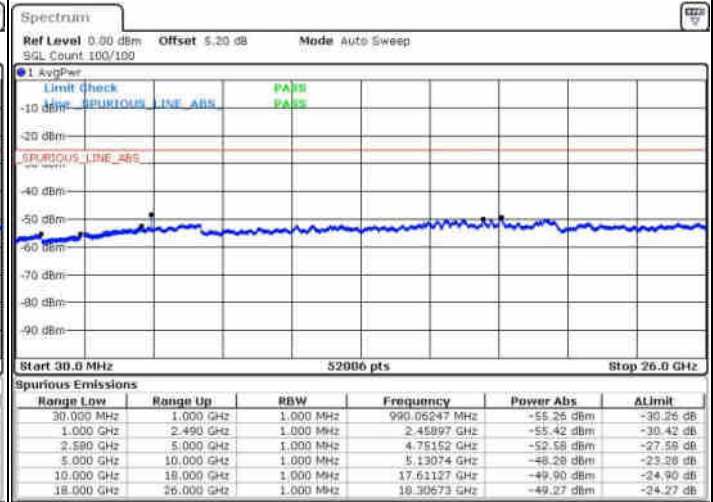
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 16 DEC 2015 03:41:51

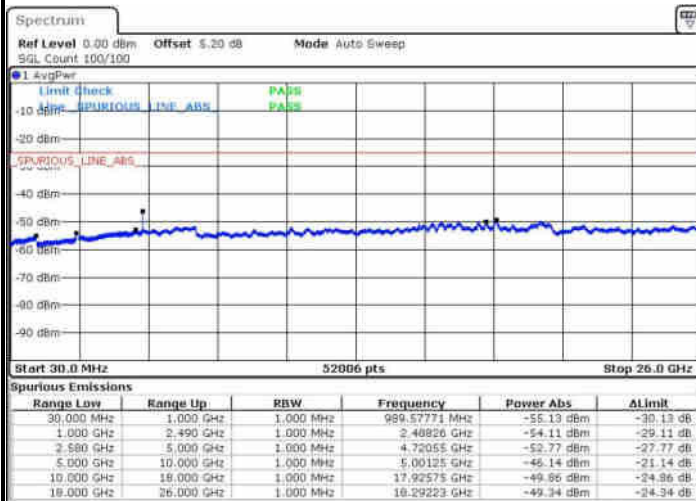
Highest Channel / 16QAM



Date: 16 DEC 2015 03:42:44

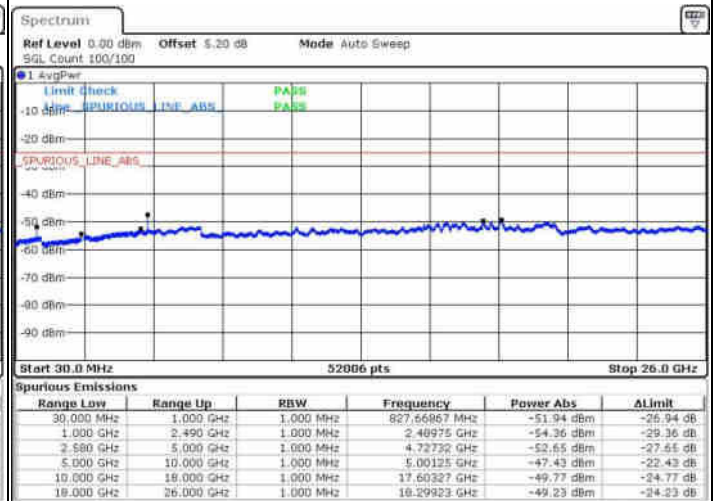
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 16 DEC 2015 03:44:31

Lowest Channel / 16QAM

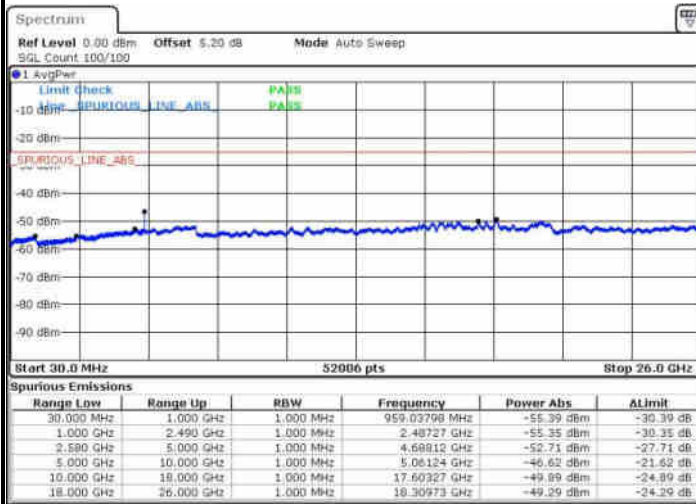


Date: 16 DEC 2015 03:43:38



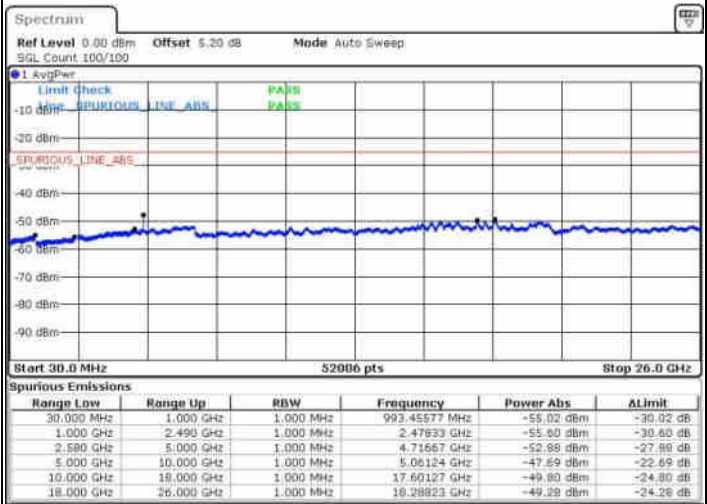
LTE Band 7 / 10MHz

Middle Channel / QPSK



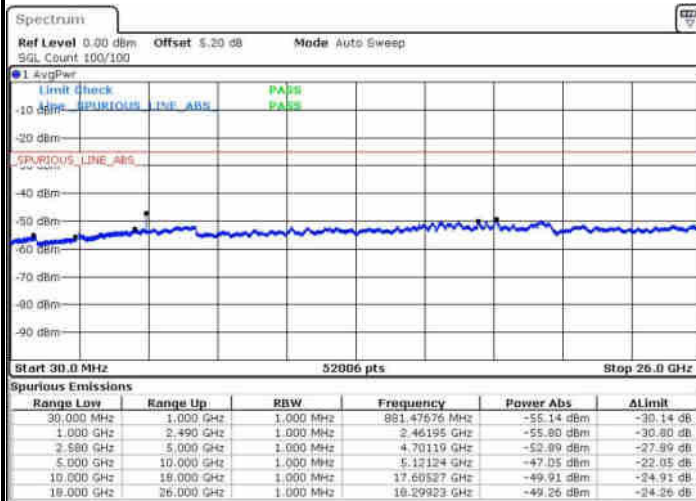
Date: 16 DEC 2015 03:45:25

Middle Channel / 16QAM



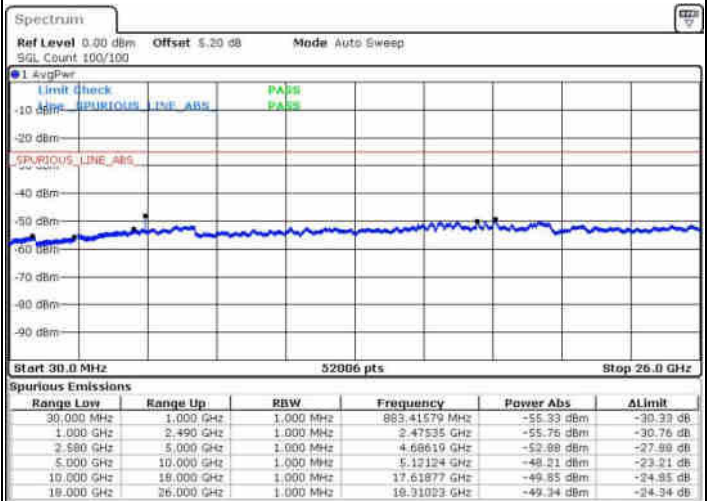
Date: 16 DEC 2015 03:46:18

Highest Channel / QPSK



Date: 16 DEC 2015 03:48:06

Highest Channel / 16QAM

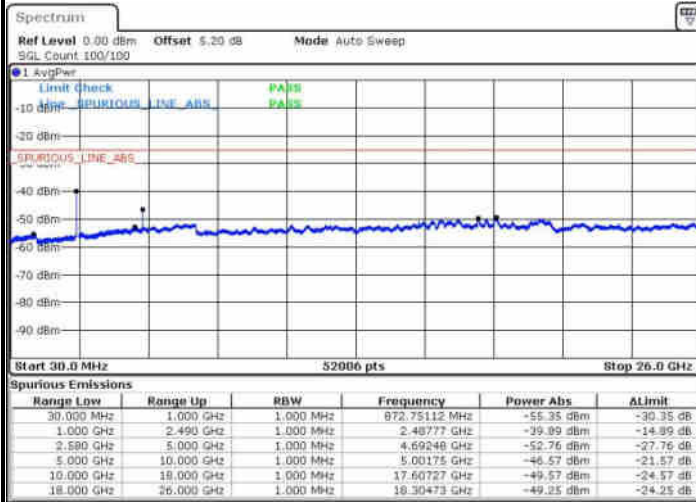


Date: 16 DEC 2015 03:47:12



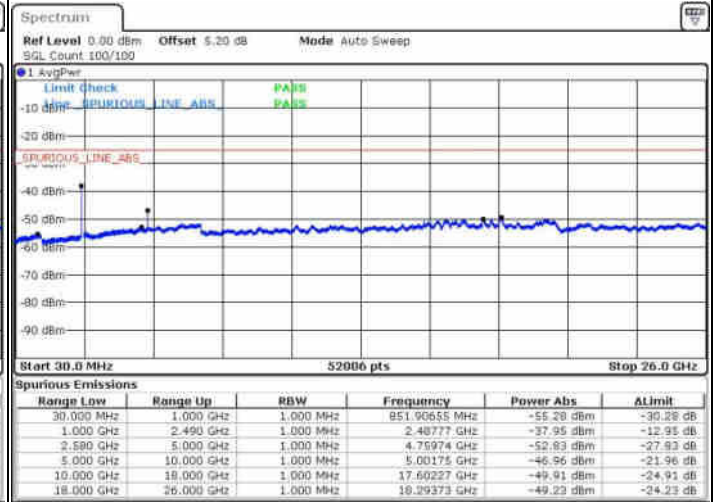
LTE Band 7 / 15MHz

Lowest Channel / QPSK



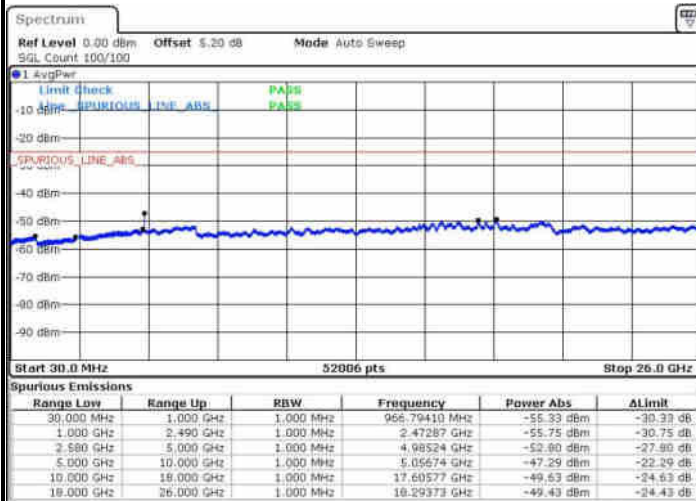
Date: 16 DEC 2015 03:48:58

Lowest Channel / 16QAM



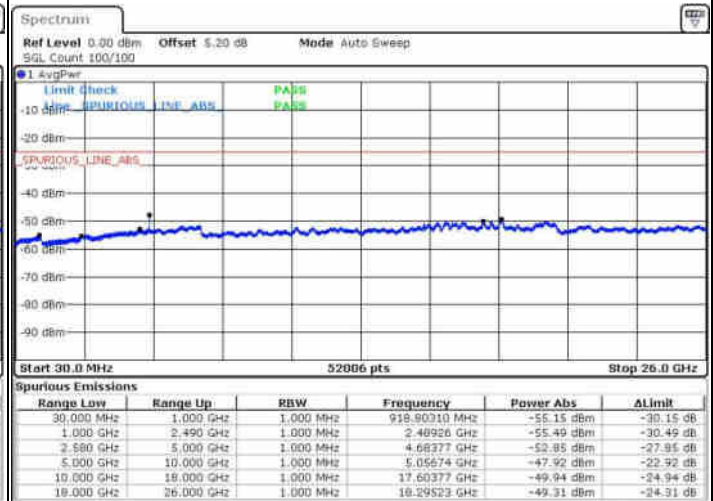
Date: 16 DEC 2015 03:49:53

Middle Channel / QPSK



Date: 16 DEC 2015 03:51:40

Middle Channel / 16QAM

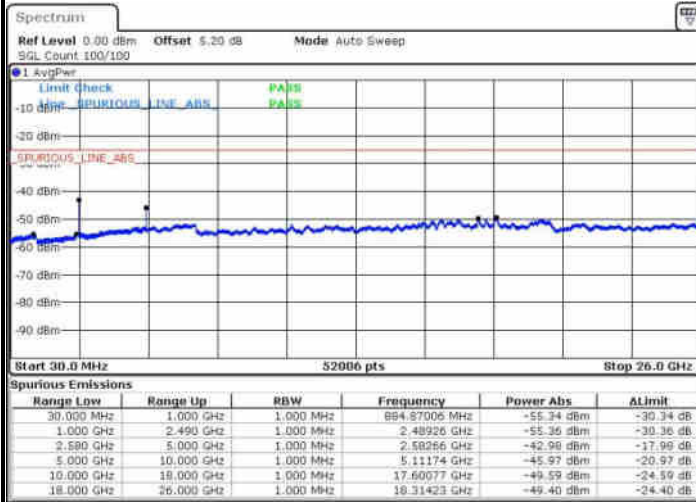


Date: 16 DEC 2015 03:50:46



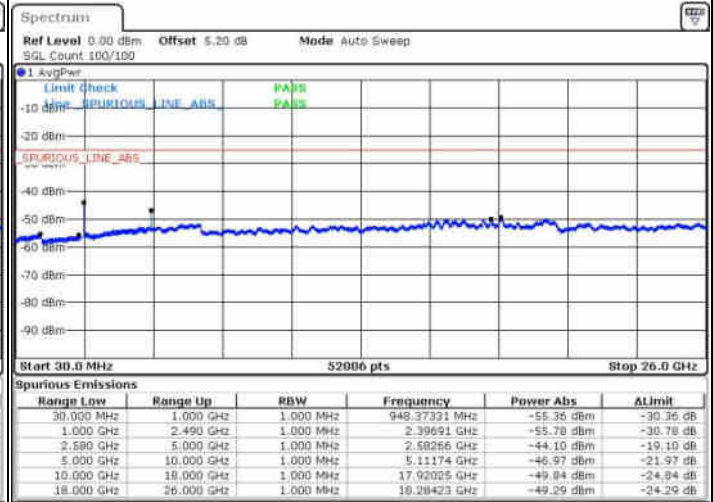
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 16 DEC 2015 03:52:33

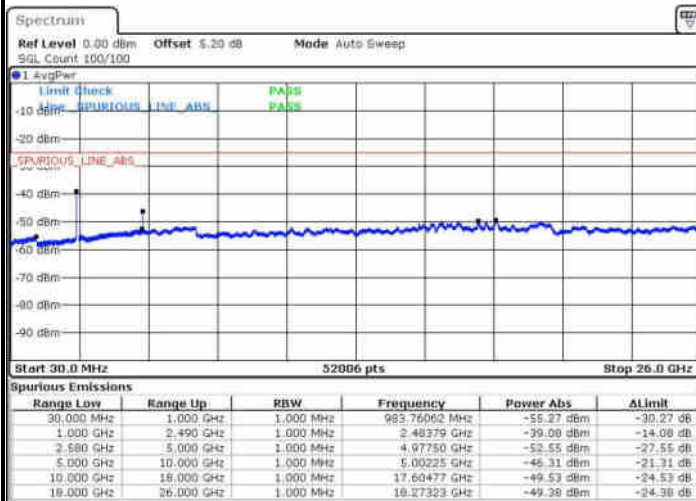
Highest Channel / 16QAM



Date: 16 DEC 2015 03:53:27

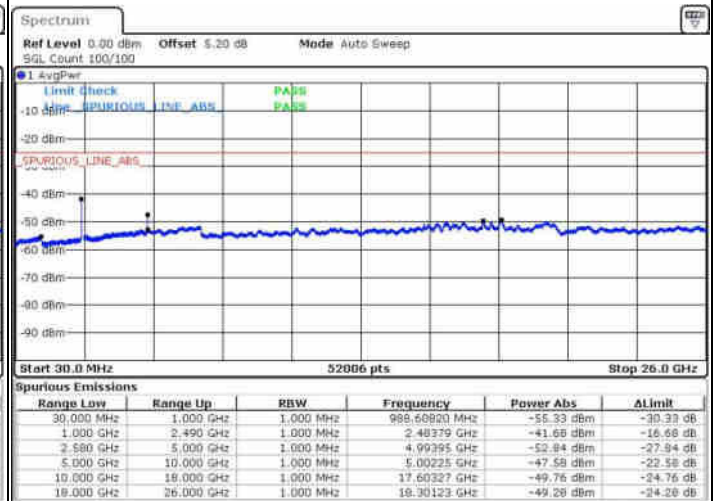
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 16 DEC 2015 03:55:14

Lowest Channel / 16QAM

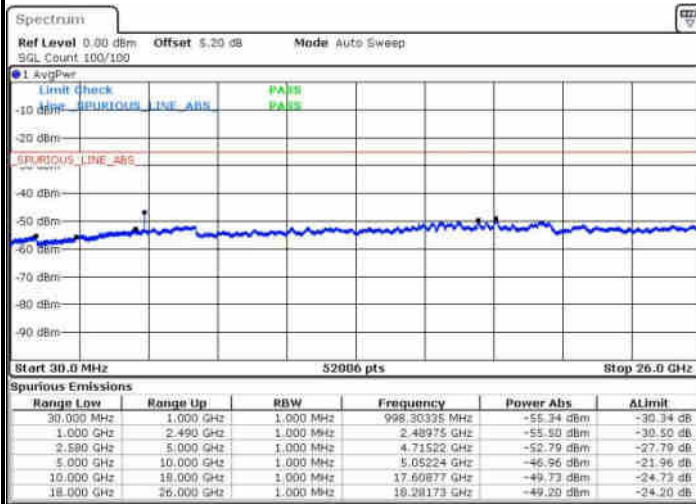


Date: 16 DEC 2015 03:54:20



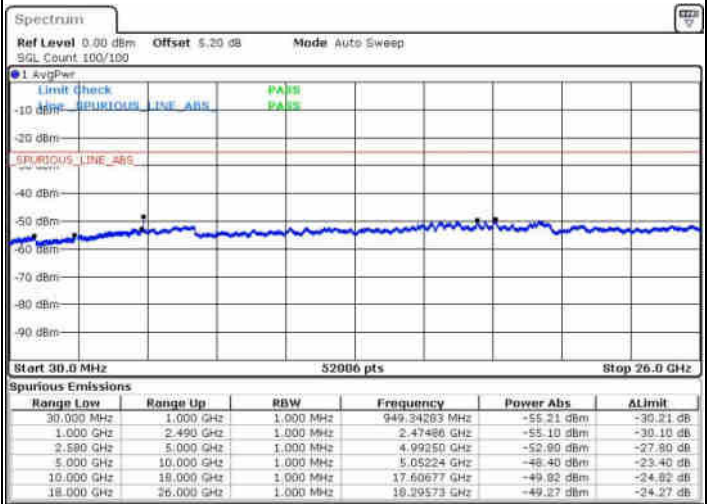
LTE Band 7 / 20MHz

Middle Channel / QPSK



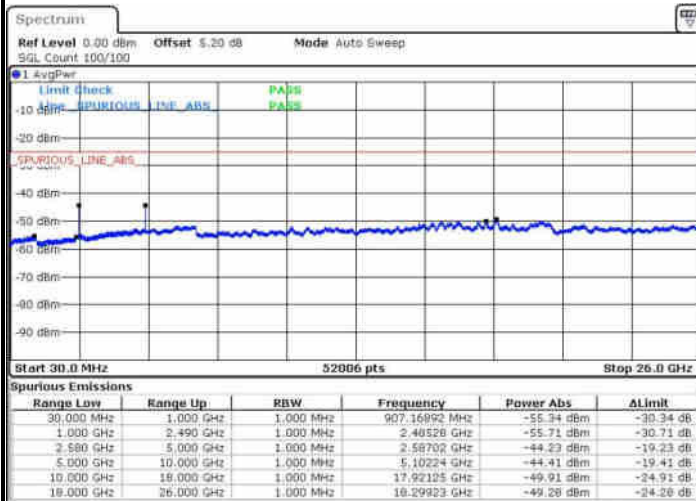
Date: 16 DEC 2015 03:56:07

Middle Channel / 16QAM



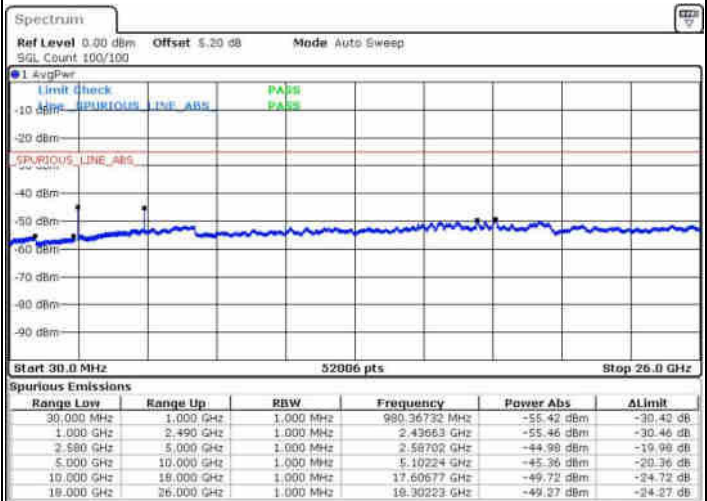
Date: 16 DEC 2015 03:57:01

Highest Channel / QPSK



Date: 16 DEC 2015 03:58:48

Highest Channel / 16QAM



Date: 16 DEC 2015 03:57:54

**Frequency Stability**

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.